# Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048 Office: (618) 254-4381 •Fax: (618) 254-0138 www.chemetcoestate.com



December 4, 2012

Erin Rednour State Project Coordinator Illinois EPA RPMS/BOL 1021 North Grand Avenue East Springfield, IL 62794-9276 James L. Morgan Assistant Attorney General Environmental Bureau 500 Second Street Springfield, IL 62706

Re:

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated))

Dear Mrs. Rednour and Mr. Morgan:

As required by paragraph 34 of Section X. REPORTING REQUIREMENTS of the Interim Order, this letter documents the progress by the Bankruptcy Estate of Chemetco, Inc. ("Estate") during the months of July, August, and September and are being reported under the 3<sup>rd</sup> Quarter 2012 Progress Report. If you have any questions, please do not hesitate to contact me at my office, 618/254-4381 x372 or by cell phone at 314-348-8211.

Sincerely,

ESTATE OF CHEMETCO, INC.

Joye I Davis

Jorge Y. Garcia PG EH&S Manager

CC: Michelle Kerr, USEPA Region 5 Superfund Chris Cahnovsky, Regional Mgr, IEPA-Collinsville Office Donald Samson, Trustee Elliott Stegin, IAD/Paradigm Penni Livingston, Livingston Law Firm

# INTERIM ORDER 3<sup>RD</sup> QUARTER 2012 PROGRESS REPORT



ESTATE OF CHEMETCO, INC. HARTFORD, ILLINOIS

December 4, 2012

ESTATE OF CHEMETCO 3754 CHEMETCO LANE HARTFORD, ILLINOIS 62048

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# **Compliance Actions**

1.0 Actions Taken Toward Achieving Compliance with the Interim Order in 3<sup>rd</sup> Quarter 2012:

### 1.1 Pot Slag Work Plan for Sales of Facility Assets

During the 3<sup>rd</sup> Quarter 2012, the Estate did not sell any Pot Slag Material.

# 1.2 Copper Furnace Cleanup Solids Work Plan for Sales of Facility Assets

During the 3<sup>rd</sup> Quarter 2012, The Estate received approval to the Addendum 2 to the Copper Furnace Cleanup Solids Work Plan (CFCS) to sell material recovered from the interior of the foundry building under the CFCS work plan.

# 1.2.1 Copper Furnace Cleanup Solids Shipments

During the 3<sup>rd</sup> Quarter 2012, the Estate sold approximately 611 Metric Tons (MT) of CFCS to California Metals and Alloy Corp. (CMAC). The Estate and Aerotek Services (Aerotek), subcontractor to the Estate loaded the CFCS into 1 MT supersacks. The supersacks were then loaded into 20-ft sea containers for shipment. Each sea container held 20 supersacks. A total of thirty one (31) - 20 ft. sea containers were loaded during the 3<sup>rd</sup> Quarter 2012. A summary of the CFCS that was shipped internationally during the 3<sup>rd</sup> Quarter 2012 is shown on **Table 1**. A summary of historical shipments is shown in **Table 2**. **Tables 1** and **2** are included in **Appendix A**.

# 1.2.2 Copper Furnace Cleanup Solids - Demobilization and Decontamination.

During the 3<sup>rd</sup> Quarter 2012 one of the rentals loading equipment had to be exchanged, as such the loading equipment was deconned inside the Dome building. The decon water was contained within the confines of the Dome building and allowed the water to evaporate.

#### 1.2.3 Copper Furnace Cleanup Solids - Waste Generation

**Solid Waste:** Solid waste associated with the CFCS was generated during the 3<sup>rd</sup> Quarter 2012. The solids were determined by generator knowledge to be "hazardous waste (D006, D008)." These wastes (i.e. old supersacks, wooden debris, plastic, metal, etc) were temporarily placed in satellite containers (i.e. steel hopper) that were located adjacent to the west loading dock of the Dome building.

The contents were transferred on a daily basis to a 40 cubic yard (CY) roll off that Aerotek is using for disposal of hazardous waste material during loading activities. When full, the 40 CY roll off will be managed properly and will be sent off for disposal.

# **Compliance Actions**

**Decon Debris:** No decon and/or debris associated with the CFCS was generated during the 3<sup>rd</sup> Quarter 2012.

**Wastewaters/Sludges:** Small quantities of wastewater/sludges associated with the management of CFCS were generated during the 3<sup>rd</sup> Quarter 2012. The wastewater was generated while deconning rental equipment. The wastewater was contained within the confines of the Dome building and allowed the water to evaporate.

# 1.3 Scrubber Sludge/mixed with fines Work Plan for Sales of Facility Assets

#### 1.3.1 Scrubber Sludge/mixed with fines Shipments

During the 3<sup>rd</sup> Quarter 2012, the Estate sold approximately 710 Metric Tons (MT) of Scrubber Sludge/mixed with fines to CMAC. The Estate and Aerotek loaded the Scrubber Sludge/mixed with fines into 1 MT supersacks. The supersacks were then loaded into 20-ft sea containers for shipment. A total of thirty six (36) - 20 ft. sea containers were loaded during the 3<sup>rd</sup> Quarter 2012. A summary of the scrubber Sludge/mixed with fines that was shipped internationally during the 3<sup>rd</sup> Quarter 2012 is shown on **Table 1**. A summary of historical shipments is shown in **Table 2**. **Tables 1** and **2** are included in **Appendix A**.

#### 1.3.2 Scrubber Sludge/mixed with fines- Demobilization and Decontamination

During the 3<sup>rd</sup> Quarter 2012, one of the rental loading equipment had to be exchanged, as such the loading equipment was deconned inside the Dome building. The decon water was contained within the confines of the Dome building and allowed the water to evaporate.

#### 1.3.3 Scrubber Sludge/mixed with fines - Waste Generation

Solid Waste: Solid waste associated with the Scrubber Sludge/mixed with fines was generated during the 3<sup>rd</sup> Quarter 2012. The solids were determined by generator knowledge to be "hazardous waste (D006, D008)." These wastes (i.e. old supersacks, wooden debris, plastic, metal, etc) were temporarily placed in satellite containers (i.e. steel hopper) that were located adjacent to the west loading dock of the Dome building. The contents were transferred to a 40 cubic yard (CY) roll off that Aerotek is using for disposal of hazardous waste material during loading activities. When full, the 40 CY roll off will be managed properly and will be sent off for disposal.

**Decon Debris:** No decon and/or debris associated with the Scrubber Sludge/mixed with Fines were generated during the 3<sup>rd</sup> Ouarter 2012.

# **Compliance Actions**

Wastewaters/Sludges: Small quantities of wastewater/sludges (i.e. decon water) associated with the management of Scrubber Sludge/mixed with fines were generated during the 3<sup>rd</sup> Quarter 2012. The wastewater was generated while deconning the equipment. The wastewater was contained within the confines of the Dome building and allowed the water to evaporate.

# 1.4 Copper Zinc and Lead Concentrate (Mixed Fines) Work Plan for Sales of Facility Assets

On September 21, 2012, the Estate received IEPA conditional approval to sell the Copper Zinc and Lead Concentrate (Mixed Fines). The mixed fines will required to be screened as described in the Work Plan. Estate received conditional approval to begin moving the material from the Fines Building to the DIS Building as long as material was properly covered to minimize the potential of spillage during transportation. Refer to **Figure 2** for photodocumentation.

# 1.4.1 Copper Zinc and Lead Concentrate (Mixed Fines) Shipments

During the 3<sup>rd</sup> Qtr 2012, the Estate did not ship any mixed fines material.

# 1.4.2 Copper Zinc and Lead Concentrate (Mixed Fines) - Demobilization and Decontamination

No demobilization and decontamination activities associated with mixed fines shipments occurred during the 3<sup>rd</sup> Quarter 2012.

# 1.4.3 Copper Zinc and Lead Concentrate (Mixed Fines) - Waste Generation

**Solid Waste:** No solid wastes associated with the shipments of mixed fines were generated in the 3<sup>rd</sup> Quarter 2012.

**Decon Debris:** No decon and/or debris associated with the shipments of mixed fines was generated in the 3<sup>rd</sup> Quarter 2012.

**Wastewaters/Sludges:** No wastewater/sludge associated with the management of mixed fines was generated in the 3<sup>rd</sup> Quarter 2012.

# 1.5 Scrap Metal Work Plan for Sales of Facility Assets

During the 3<sup>rd</sup> Qtr 2012, Aerotek and Estate personnel gathered scrap metal that was located throughout the facility, and stock piled it southwest of the former foundry building for future loading and recycling.

# **Compliance Actions**

# 1.5.1 Scrap Metal Shipments

During the 3<sup>rd</sup> Qtr 2012, the Estate did not ship any scrap metals for recycling.

Table 3 presents a summary of all the scrap metal shipped during the 3<sup>rd</sup> Quarter 2012. Table 4 presents a summary of all historical scrap metal material shipments to date. Table 4 includes scrap metal shipments associated with both; demolition scrap metal and non demolition scrap metal. It should be noted that beginning in January 2012; no demolition scrap metal was further generated. Tables 3 and 4 are included in Appendix B.

#### 1.5.2 Scrap Metals - Demobilization and Decontamination

No demobilization and decontamination activities associated with scrap metal shipments occurred during the 3<sup>rd</sup> Quarter 2012.

# 1.5.3 Scrap Metals - Waste Generation

**Solid Waste:** No solid wastes associated with the shipments of scrap metals were generated in the 3<sup>rd</sup> Quarter 2012.

**Decon Debris:** No decon and/or debris associated with the shipments of scrap metals were generated in the 3<sup>rd</sup> Quarter 2012.

**Wastewaters/Sludges:** No wastewater/sludge associated with the management of scrap metals was generated in the 3<sup>rd</sup> Quarter 2012.

#### 1.6 Demolition Work Plan for Sales of Facility Assets

All Demolition Work under the Demolition Work Plan (Demo Plan) was completed during the 4<sup>th</sup> Quarter 2011 (December 14, 2011). Refer to **Figure 1** for location of the completed demolition areas.

All the demolition work has been completed and no further shipments of demolition scrap metals are expected to be made.

#### 1.7 Work Plans for RCRA Closures

#### 1.7.1 Brick Shop Container Storage Area Closure Status

A "No Further Action" (NFA) letter was issued by IEPA on March 3, 2010, As such, no further action is required, and closure of the Brick Shop Container Storage Area is considered complete.

# **Compliance Actions**

### 1.7.2 AAF Decontamination Area and Sump Closure Status

In August 2012 the Estate subcontracted NPN Environmental out of St Louis, MO to oversee the re-deconning of the AAF decontamination area and sump that had been previously deconned, but not properly documented. Upon completion of the work, NPN prepared a closure report in accordance with RCRA Closure Guidelines. The AAF closure report was submitted to the Estate in August 2012. Currently, the Estate is addressing respond to comments to the Demolition Summary Report. The AAF Closure Report will be included as an Appendix to the Final Demolition Summary Report and is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

#### 1.7.3 Black Acid Tank Closure Status

On December 14, 2011, a meeting between IEPA USEPA, the Estate, and Paradigm personnel was held at the site to discuss deliverables for the completion of demolition work. During the meeting, IEPA indicated that the Black Acid Tank would not be able to obtain RCRA closure status due to soil contamination. The DSR was electronically submitted on May 31, 2012 and stated that a subsurface characterization may be warranted. No further action is required at this time.

# 1.7.4 Foundry Building, AAF System, and Tank House Demolition Work Plan (Demo Plan) Status

The Demolition Summary Report was submitted on May 31, 2012. The DSR summarized all the Foundry Building, AAF system and Tank House demolition activities. On July 3, 2012, the Estate received comments from the IEPA and USEPA on the Demolition Summary Report (DSR). The Estate expects to submit respond to comments during the 4<sup>th</sup> Quarter 2012.

#### 1.7.5 Furnace Removal Work Plan

The furnaces inside the foundry building were not taken down during the demolition activities and were sprayed down with water to remove the outside surface dust from demolition activities.

During the 3<sup>rd</sup> Quarter 2012, the Estate continued to negotiate with Metallo Company out of Belgium for the purchase of the furnaces. The Estate expects to submit a Furnace Removal Work Plan to the IEPA and USEPA during the early part of the 4<sup>th</sup> Quarter of 2012.

# **Compliance Actions**

#### 1.8 Waste Management

During the 3<sup>rd</sup> Quarter 2012, the Estate generated hazardous and non-hazardous waste as part of its daily site activities. Hazardous Waste material was generated during the scrubber sludge/mixed with fines and copper furnace cleanup solids loading activities.

It should be noted that historical feedstock material previously used by Chemetco was stored in drums and totes. These drums and totes were moved from the Foundry Building to the interior of the Receiving Building during demolition activities. IEPA requested that these drums be placed in overpacks due to the deterioration of the existing drums. The Estate determined to dispose of the drums and its contents instead of repackaging them. The drums and material were placed in 20 and 40 CY roll offs for proper disposal.

In addition contaminated soil was generated during the of power electric poles in the facility for power restoration. The contaminated soil was placed in three 1 MT supersacks for disposal.

Also, oily water and sludge was cleaned from the former trench drains located in the former hydraulic room in the foundry building, the material was tested for PCBs and petroleum hydrocarbons and placed in 55 gallons for disposal. Analytical results indicated concentrations levels below action levels.

Also, water in a sump pump in the AAF area was found to be impacted with NaOH from demolition activities. Analytical results found the water to be high in pH and corrosive.

The summary breakdown of hazardous and non-hazardous material is described below:

#### 1.8.1 Hazardous Waste

**Satellite Containers**: At the end of the 3<sup>rd</sup> Quarter 2012 the Estate did not have any satellite containers that required disposal.

#### 1.8.2 Hazardous Waste Containers – Awaiting Disposal

At the end of the 3<sup>rd</sup> Quarter 2012 the Estate did not have any hazardous waste containers awaiting disposal.

#### 1.8.3 Hazardous Waste Disposal

During the 2<sup>nd</sup> Qtr 2012, the Estate inadvertently left out manifest for disposal of a 40 CY roll off container of hazardous waste. The roll off contained misc. debris (i.e. wood debris, concrete debris, fiber supersacks, PPE, etc.). The roll off was picked up on May 31, 2012 and sent to the Heritage Landfill in Indianapolis for proper disposal.

# **Compliance Actions**

During the 3<sup>rd</sup> Qtr 2012, the Estate disposed of the following Hazardous Waste.

- One 40 CY roll off container of hazardous waste. The roll off contain miscellaneous debris (i.e. wood debris, fiber supersacks, PPE, cardboard boxes, etc.) impacted with lead and cadmium and were generated from scrubber sludge/mixed with fines and copper furnace cleanup solids loading activities.
- Two 20 CY roll off containers of waste material. The roll offs contain primarily the contents of historical drums and totes that were stored in the receiving building. The contents of the drums were historically used as feedstock material by Chemetco. The roll offs were sent off to EQ Detroit for proper disposal.
- Three supersacks containing soil contaminated with oil and metals. The soil was generated during the installation of new power poles to restore power to the site. The supersacks were sent of to EQ Detroit for proper disposal.
- One 1-gal plastic pail containing broken light bulbs impacted with Mercury were picked up by Heritage and sent to Heritage Landfill in Indianapolis for proper disposal.
- Approximately ~9,400 gallons of impacted water with NAOH (caustic soda) and scrubber sludge was vacuumed using a portable vacuum truck. The contaminated water was sent to Harvey, Illinois for proper disposal.

A summary of hazardous waste disposed during the 3<sup>rd</sup> Qtr 2012 is presented in **Table 4**. A summary of all historical hazardous waste disposals to date is presented in **Table 5**. **Tables 4** and 5 are located in **Appendix C**.

#### 1.8.4 Disposal of Non-Hazardous Waste(s)

The Estate generates non-hazardous waste (ex. empty paper and administrate office, bathrooms and lunch room) during the 3<sup>rd</sup> Qtr 2012.

These wastes were disposed in the site's municipal waste dumpster serviced by Robert Sanders Waste Systems, Inc. at the Roxanna Landfill. These wastes are considered everyday normal waste and are not included in any tables associated with Demolition and/or loading activities.

In addition, during the 3<sup>rd</sup> Qtr 2012, the Estate disposed of the following non-hazardous waste.

# **Compliance Actions**

- One 20 CY roll off containing miscellaneous cinder block rubble was disposed as special waste (non-hazardous) at the Roxana Landfill.
- Five (5) 55-gal steel drums containing sludge and oily water. The drums were sent of to EQ Detroit for proper disposal.
- 1 Fiber drum containing Universal Waste (Batteries) was sent to Heritage Landfill in Indianapolis for proper disposal.
- 1 Fiber drum containing Universal Waste (fluorescent lights) was sent out to WM Lamptracker in Williamson SC for proper disposal.

A summary of non-hazardous waste disposed during the 3<sup>rd</sup> Qtr 2012 is presented in **Table 6**. A summary of all historical non-hazardous waste disposals is presented in **Table 7** located in **Appendix C**.

#### 1.9 Operation and Maintenance Status

#### 1.9.1 Operations and Maintenance Plans Status

On October 24, 2008, the Estate submitted to the State of Illinois the following required Operation and Maintenance Plans that are currently awaiting approval by IEPA:

- (1) Fugitive Emissions Plan
- (2) Stormwater Management Plan
- (3) Groundwater Monitoring Plan
- (4) Security Plan

The Estate met with IEPA and USEPA on August 13, 2012 to discuss the upgrading of the Plans as part of the Consent Decree negotiations.

#### 1.9.2 Fugitive Emissions Plan

There was no evidence of reportable fugitive emissions during the 3<sup>rd</sup> Qtr 2012 at the Chemetco site.

#### 1.9.3. Stormwater Management Plan

As required by the Estate's NPDES Permit IL0025747 Outfall #005, copies of the electronically Discharge Monitoring Reports and analytical results for the discharge of stormwater from the Stormwater Basin for the months of July, August, and September 2012 are located in **Appendix D**.

# **Compliance Actions**

# 1.9.5 Security Plan

Since the 2<sup>nd</sup> Quarter 2011 the Estate has been submitting monthly security reports.

A summary of 3<sup>rd</sup> Quarter 2012 action items included:

- Security Cameras were readjusted to obtain a wider view angle of the facility areas.
- Vegetation was removed from perimeter signs to ensure the signs were visible and cleared of any vegetation blocking its view.
- The alarm system was reconfigured due to an alleged break in into the office building occupied by Paradigm.

Security reports submitted during the 3<sup>rd</sup> Quarter 2012 are included in Appendix E.

# **SECTION**TWO

# Summary of Results

# 2.0 Summary of Results of Sampling, Tests, and Other Data Received in 3rd Quarter 2012:

2.1 Sales Materials Shipping Data. During the 3<sup>rd</sup> Qtr 2012, the Estate sold approximately 710 Metric Tons (MT) of Scrubber Sludge/mixed with fines, and approximately 611 MT of Copper Furnace Cleanup Solids (CFCS) to California Metals and Alloy Corp. (CMAC). Sale and shipping activities are described in Section 1. Summary Tables (1 and 2) of shipping data generated during the 3<sup>rd</sup> Quarter 2012 are included in Appendix A.

#### 2.2 Stormwater Release Data

The Estate of Chemetco manages stormwater through the NPDES Permit IL0025747 Outfall #005 (Stormwater Retention Basin). Surface water samples are collected monthly. Analytical data of eDMR (Electronic Discharge Monitoring Report) are electronically submitted to IEPA via state's website. Hard copies of the eDMR forms are included in **Appendix D**.

During the 3<sup>rd</sup> Quarter 2012, all parameters and constituents were below IEPA Effluent Water Quality Standards, except for Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), and pH. COD results for July, and August were above the IEPA Effluent Water Quality Standards. TSS results for July, and September exceeded IEPA Effluent Water Quality Standards. pH result for September was slightly above the IEPA Effluent Water Quality Standards. It should be noted that during the months of July, August, and September water levels at the retention basin were below discharge levels and no discharge flow occurred during the sampling events.

Table 9 presents a summary of 3<sup>rd</sup> Quarter 2012 analytical results and is included in Appendix D.

# **Completed Deliverables**

3.0 Identify Submitted and Completed Work Plans and Other Deliverables Required by Interim Order in 3<sup>rd</sup> Quarter 2012

# 3.1 The Estate submitted Work Plans and Other Deliverables as follows:

# 3.1.1 Interim Order 2<sup>nd</sup> Quarter 2012 Progress Report

The Estate submitted the 2<sup>nd</sup> Quarter 2012 Progress Report, Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)), dated August 16, 2012, to Erin Rednour, IEPA and James Morgan, Attorney General's office as required by the Interim Order. It should be noted that the Interim Order, which was set to expire on September 16, 2011, has been extended several times, (February 1, 2012, April 30, 2012, September 4, 2012) and the last extension through January 31, 2013 to allow continuation of existing work under the approved work plans.

#### 3.1.2 Scrubber Sludge Work Plan

On October 14, 2010, The Estate of Chemetco and Paradigm Minerals submitted a Work Plan to IEPA requesting approval to sell Scrubber Sludge Material that is currently stored in the DIS building and Receiving Building. The Estate received deficiency comments from IEPA on November 4, 2010. The Estate addressed the comments and a revised Scrubber Sludge Work Plan was submitted to IEPA on November 24, 2010. The Estate and Paradigm received conditional approval from IEPA on February 9, 2011.

During the 2<sup>nd</sup> Qtr 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge mixed with fines (approximately 3,000 to 3,500 mt) to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract to IEPA. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers. On June 2, 2011, the Estate received addendum approval to sell approximately 3000-3500 dry mt of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. On July 26, 2001, the Estate and Paradigm received conditional approval of addendum to Scrubber Sludge Work Plan. Due to the volatile market, no scrubber sludge was shipped during the 3<sup>rd</sup> Quarter 2011. Loading of the material began in October 25, 2011.

# **Completed Deliverables**

During the 2<sup>nd</sup> Quarter 2012 (through end of June) approximately 92% of all the the scrubber sludge and scrubber sludge mixed with fines material has been loaded and shipped. The Estate expects the completion of loading material during the 3<sup>rd</sup> Quarter 2012.

On August 14, 2012, the Estate completed the loading of the scrubber sludge and scrubber sludge- mixed with fines. Approximately 5,100 MT (net weight) were sold under the Scrubber Sludge Work Plan. A summary closure letter report will be prepared for submittal during the 4<sup>th</sup> Qtr 2012.

#### 3.1.3 Circuitry Board and Shredded Circuitry Board Work Plan

On January 25, 2012, the Estate of Chemetco submitted a Work Plan to IEPA requesting approval to sell Circuitry Board (CB) and Shredded Circuitry Board Material (SCBM) that is currently located west of the former Foundry building and next to the former scale. The SCBM is currently stored in Gaylord boxes inside the Receiving Building. On April 16, 2012, the Estate received conditional IEPA approval on and is currently waiting for an updated certificate of recycling.

#### 3.1.4 Copper Zinc and Lead Concentrate (Mixed Fines) Work Plan

On July 12, 2012, the Estate submitted a Copper Zinc and Lead Concentrate (Mixed Fines) Work Plan to IEPA requesting approval to sell the mixed fines that are currently stored in the Fines Building, the material was accumulated by AIS during demolition activities and contains miscellaneous debris that will require to be screened out. On September 21, the Estate received conditionally approval to begin screening the material.

#### 3.2 Completed Work Plans and Other Deliverables

#### 3.2.1 Cupro Work Plan

The Cupro Work Plan was completed in the 2<sup>nd</sup> and 3<sup>rd</sup> Quarter 2010. All of the Cupro Material has been sold, and no further shipment of saleable Cupro material is expected. A closure letter report is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

#### 3.2.2 Caustic Tank Work Plan

The Caustic Tank Work Plan was completed in the 4<sup>th</sup> Qtr 2010. The Caustic Tanks was sold to Tank Trailer Cleaning (TTC) and removed from the Site and no

# **Completed Deliverables**

additional work associated with the Caustic Tank is expected. A closure letter report is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

# 3.2.3 Demolition Work Plan

The Demolition Work Plan was completed in December 16, 2011, and the Demolition Work is considered complete. On July 3, 2012 the Estate received comments on the DSR and continues to complete outstanding items that were identified in response to the DSR. Once all of the items are addressed, the Estate will prepare responses and submit a final DSR. The Estate expects to have responses submitted to IEPA and EPA during the 4<sup>th</sup> Qtr 2012.

#### 3.2.4 Scrubber Sludge Work Plan

The Scrubber Sludge Work Plan was completed on August 14, 2012. All of the Scrubber Sludge and Scrubber Sludge mixed with fines have been sold, and no further shipment of saleable Scrubber Sludge and Scrubber Sludge mixed with fines is expected. A closure letter report is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

#### 3.2.5 Pot Slag Work Plan

The last shipment of Pot Slag under the Pot Slag Work Plan was completed in the 1<sup>st</sup> Qtr 2010. A closure letter report is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

# 3.2.6 Other Deliverables - Contained herein are copies of:

- 1. Summary of Scrubber Sludge/mixed with fines shipments during 3<sup>rd</sup> Quarter 2012, and Summary historical Scrubber Sludge/mixed with fines shipments are included as **Tables 1** and **2** located in **Appendix A**.
- 2. Summary of 3<sup>rd</sup> Quarter 2012 and historical Scrap Metal shipments, **Tables 3** and **4** located in **Appendix B**.
- 3. Summary of 3<sup>rd</sup> Quarter 2012 Hazardous Wastes and Non-Hazardous Waste, and historical Hazardous Wastes and Non-Hazardous disposal during the 3<sup>rd</sup> Quarter 2012 are included in **Tables 5, 6, 7** and **8** and are located in **Appendix C**.

# **Completed Deliverables**

- 4. Stormwater Discharge Monitoring Reports and summary of analytical results are presented in **Table 9** located in **Appendix D**.
- 5. Monthly Security Plan and Action Items Reports, located in Appendix E.

# **SECTION**FOUR

# Scheduled Actions for 4th Qtr 2012

# 4.0 Describe Actions Scheduled for 4th Quarter 2012 and Information Related to Progress.

# 4.1 Shipments Sales of Facility Assets

#### 4.1.1 Copper Zinc and Lead Concentrate (Mixed Fines) Shipments

On September 21, 2012, the Estate received conditional approval from IEPA for the Mixed Fines Work Plan. On September 25, the Estate and Aerotek services began screening the material that currently contains miscellaneous debris that will be removed prior to the loading the material in 1 MT supersacks. The screened miscellaneous debris will be sorted to remove any Metal Bearing Material (MBM) that was identified during the screening process, and the remaining debris will be loaded in to 20 CY roll offs for proper disposal. One of the conditional approvals to the Mixed Fines Work Plan required that the material being loaded from the Fines Building and transported to the DIS Building for screening had to be covered to reduce potential for spillage. As such, the bucket of the Front End loader was covered during each load. Refer to Figure 2 for a picture of the covered front end bucket. Once the material is screened, it will be loaded and shipped internationally. The miscellaneous debris generated from the screening activities will be loaded into 20 CY for proper disposal.

#### 4.1.2 Scrap Metal Shipments

The Estate gathered scrap metal through the facility during the 3<sup>rd</sup> Quarter 2012 and expects to load and ship the scrap metal during the 4<sup>th</sup> Quarter 2012.

#### 4.2 Demolition Summary Report

A Demolition Summary Report (DSR) was submitted to IEPA and USEPA on May 31 2012 of the 2<sup>nd</sup> Quarter 2012. On July 3, 2012, the Estate received comments from the IEPA and USEPA on the Demolition Summary Report (DSR). Currently, the Estate is addressing respond to comments to the Demolition Summary Report and expects to submit responds to comments during the 4<sup>th</sup> Qtr 2012.

#### 4.3 Furnace Removal Work Plan

During the 3<sup>rd</sup> Quarter 2012, the Estate continued to negotiate with Metallo Company out of Belgium for the purchase of the furnaces. The Estate expects to submit a Furnace

# **SECTION**FOUR

# Scheduled Actions for 4th Qtr 2012

Removal Work Plan to the IEPA and USEPA during the early part of the 4<sup>th</sup> Quarter of 2012.

# 4.4 Unprocessed Metal Bearing Material Work Plan

During a conference call between Paradigm Minerals, the Estate, IEPA, and USEPA, Paradigm requested approval to evaluate the potential for selling "Skulls" and "Surface Spills" and other "Unprocessed Metal Bearing Material" located throughout various locations within the slag pile at the Chemetco Site. IEPA and USEPA agreed, and an Unprocessed Metal Bearing Work Plan is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

### 4.5 Pilot Plant Treatability Study

Information associated with the status of the Pilot Plant Treatability Study is solely being addressed by Paradigm Minerals & Environmental Services and representatives of USEPA, IEPA.

# SECTIONFIVE

# **Completed Action items**

# 5.0 Percentage of Completion, Delays, and Mitigation

#### 5.1 Shipments and Sales of Facility Assets

### 5.1.1 Cupro Shipments

Shipment of all saleable Cupro is 100% complete. The Estate shipped approximately 2,242 MT of Cupro.

# 5.1.2 Pot Slag Shipments

Shipment of all saleable Pot Slag is approximately 99% complete. The Estate has shipped approximately 255 MT of Pot Slag.

#### 5.1.3 Copper Furnace Cleanup Solids Shipments

Shipment of all saleable Copper Furnace Cleanup Solids (CFCS) was originally completed prior to the beginning of demolition activities (June 2010). However, during the 4<sup>th</sup> Quarter 2011, approximately 400 MT of CFCS was gathered from the interior of the Foundry building. The Estate assayed the material during the 1<sup>st</sup> Quarter 2012, and submitted an addendum-2 to the existing CFCS Work Plan to IEPA. Under the addendum-2 approval the Estate sold ~ 611 MT of CFCS. Additional recoverable material from the screening process may be sold under the CFCS work plan during the 4<sup>th</sup> Quarter 2012.

# 5.1.4 Scrubber Sludge/Mixed with Fines Shipments

Shipment of all saleable Scrubber Sludge/Mixed with Fines is 100% complete. The Estate shipped approximately 7,200 MT of Scrubber Sludge/Mixed with Fines.

#### 5.1.5 Caustic Tank Work Plan

TTC removed the NaOH and the Poly AST during the 4<sup>th</sup> Quarter 2010 in accordance with the approved work plan. The tank was properly deconned by TTC using hot clean water brought from their facility, after deconning and removal of the water, the AST was loaded and transported to their facility in East St. Louis for their use. The Caustic Tank was removed and the work is deemed complete.

# **SECTION**FIVE

# **Completed Action items**

#### 5.1.6 Demolition Work Plan

AIS completed the demolition of the Foundry Building, Baghouse, AAF Area, and the interior of the Tank House as described in the approved Demo Plan. Demolition Work is deemed COMPLETED.

On July 3, 2012, the Estate received comments on the Demolition Summary Report (DSR). The Estate expects to submit respond to comments in the 4<sup>th</sup> Qtr 2012.

### 5.2 Work Plans for RCRA Closures

#### 5.2.1 Brick Shop Container Storage Area

100% complete and requires No Further Action and is considered CLOSED.

# 5.2.2 AAF Decontamination Area and Sump

The AAF Closure Report was completed by NPN Environmental on behalf of the Estate during the 3<sup>rd</sup> Qtr 2012. The AAF Closure Report will be included as an Appendix to the Final Demolition Summary Report and is expected to be submitted during the 4<sup>th</sup> Qtr 2012.

#### 5.2.3 Black Acid Tank

The Demolition Summary Report was electronically submitted on May 31, 2012 and stated that a subsurface characterization may be warranted. No further action is required at this time.

# **Modifications**

# 6.0 Modifications to Work Plans or Schedules Proposed or Approved by IEPA:

#### 6.1 Work Plan Modifications

The Interim Order was set to expire on September 16, 2011. The Estate, Paradigm and IEPA were able to agree and obtain an extension to the Interim Order till December 4, 2011 in order to complete the Demolition Work. Because all existing work under the already approved work plan was not completed, multiple extensions were approved for February 1, 2012, April 30, 2012, September 4, 2012 and the last extension till January 31, 2013 to complete all of the work under the already approved work plans.

#### 6.1.1 Pot Slag Work Plan

Notification and/or revisions to the current Pot Slag Work Plan will be submitted to IEPA and USEPA concerning future selling of the remaining Pot Slag on Site.

# 6.1.2 Copper Furnace Cleanup Solids Work Plan

An addendum-2 to the Copper Furnace Cleanup Solids Work Plan was prepared during the 2<sup>nd</sup> Quarter 2011 to load the CFCS material from a different location as originally described. The addendum described using the west loading dock adjacent to the dome building because a portable loading ramp was not available. Notification and/or addendum to the current CFCS Work Plan will be submitted to IEPA and USEPA concerning future selling of the remaining CFCS on Site. During the demolition of the foundry building, additional CFCS material was accumulated and temporarily stored in the northwest corner of the foundry building. The Estate has assayed the CFCS and prepared an addendum-2 to the approved CFCS work plan to sell and ship the remaining CFCS.

# 6.1.3 AAF Decontamination Area and Sump

The RCRA Closure Plan for the AAF Decontamination Area and sump was incorporated into the Demo Plan. The DSR was submitted on May 31, 2012 and the RCRA closure plan was to be submitted as an Appendix to the DSR. The AAF was re-decontaminated in order for the area to be approved by a Professional Engineer in the State of Illinois. The AAF Closure Report was prepared by NPN Environmental and completed during the 3<sup>rd</sup> Qtr 2012. The AAF Closure Report will be submitted during the 4<sup>th</sup> Qtr 2012.

# **Modifications**

#### 6.1.4 Black Acid Tank

The RCRA Closure Plan for the Black Acid Tank was into the Demo Plan. During the December 14, 2011 meeting, the IEPA indicated that the Black Acid Tank would not obtain approval for RCRA closure status due to alleged soil contamination. The DSR was submitted on May 31, 2012 and stated that a subsurface characterization may be warranted. No further action is required at this time.

### 6.1.5 Scrubber Sludge Work Plan

During the 2<sup>nd</sup> Qtr 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge and Scrubber Sludge mixed with fines to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers.

On June 2, 2011, the Estate received approval to sell approximately 3,000-3,500 dry MT of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. Due to changes in international regulations, the scrubber sludge was required to be shipped in 1MT supersacks. Because the Estate's bagging mechanism was destroyed, Fred Weber Inc. (FW) was subcontracted by Paradigm to assist with the loading of the supersacks. On July 18, 2011 an Addendum depicting the supersack loading activities was submitted to IEPA. On July 26, 2011 the Estate of Chemetco received from IEPA conditional approval to proceed with the loading of Scrubber Sludge in 1MT Supersacks.

Fred Weber performed all the loading activities between October 26, 2011 and January 11, 2011. No additional loading activities were performed between January 12 2011 and March 13, 2012.

On March 2, 2012, the Estate submitted to IEAP an Addendum # 2 to the approved Scrubber Sludge Work Plan. The purpose of the Addendum was to inform IEPA that FW would no longer be providing loading services and the services would be provided by Aerotek Services. In addition, slight modifications were made to the bagging equipment to account for the removal of FW's own equipment.

Bagging and loading activities were performed by Aerotek Services and the Estate and resumed on March 14, 2012.

**Modifications** 

#### 6.2 Schedule Modifications

On June 22, 2011 a Kick-Off Meeting was held at the site for AIS to inform the IEPA and USEPA their intention to resume demolition activities during the 3<sup>rd</sup> Qtr, 2011. AIS estimated that it will take approximately 2 to 3 months to complete the work. IEPA and USEPA requested that a revised work schedule. The revised work schedule was submitted during the 3<sup>rd</sup> Quarter 2011. The work was completed 2 months later than originally planned, but no modifications were made to the schedule. With the completion of demolition activities, no further schedule modifications are expected.

#### 6.2.1 Copper Furnace Cleanup Solids Work Plan

Additional CFCS were gathered from the interior of the Foundry building. An Addendum to the approved work plan will be submitted during the 3<sup>trd</sup> Quarter 2012 to allow selling of the additional CFCS and to describe slight modifications to the loading activities as described in the approved CFCS Work Plan. The Estate expects addendum-2 submittal and approval to sell and ship the CFCS during the 3<sup>rd</sup> Qtr. 2012. On August 15, 2012, the Estate received IEPA approval to load and sell the CFCS to CMAC. During the month of September, the Estate and Aerotek Services completed the loading and shipping of 1 MT supersacks.

# 6.2.2 Scrubber Sludge/mixed with fines Work Plan

During the 2<sup>nd</sup> Qtr. 2011, the Estate and Paradigm negotiated the sale of the Scrubber Sludge and Scrubber Sludge mixed with fines to H&H Metals out of New York. On April 29, 2011 the Estate submitted Notification of Winning Bidder and Signed Contract. On May 10, 2011, the Estate met on site with IEPA to discuss proposed changes to approved work plan. On the same day, the Estate submitted electronically via email an Addendum to the Work Plan describing proposed changes in order to properly load the material in sea containers.

On June 2, 2011, the Estate received approval to sell approximately 3,000-3,500 dry MT of Scrubber Sludge mixed with fines to H&H Metals, for Jiangxi Chenfei Cooper Industry Co, Ltd located in China. Due to changes in international regulations, the scrubber sludge was required to be shipped in 1MT supersacks. Because the Estate's bagging mechanism was destroyed, Fred Weber Inc. (FW) was subcontracted by Paradigm to assist with the loading of the supersacks. On July 18, 2011 an Addendum depicting the supersack loading activities was submitted to IEPA. On

# **Modifications**

July 26, 2011 the Estate of Chemetco received from IEPA conditional approval to proceed with the loading of Scrubber Sludge in 1MT Supersacks.

As described in Section 6.1.5, slights modifications were made to the equipment due to FW removing their personally owned equipment. No further modifications were made during the 2<sup>nd</sup> Quarter 2012 and 3<sup>rd</sup> Quarter 2012.

#### 6.2.3 Pilot Plant Treatability Study

The Pilot Plant Treatability Study work continues to operate on a trial run basis. At this time, there is no firm date as to completion of process development work. During the 2<sup>nd</sup> Qtr 2011, Paradigm submitted a work plan titled "Scrubber Sludge and Slag Process Plan" dated March 4, 2011. Paradigm continues to work on additional deliverables. During the June 22, 2011 Demolition Activities Kick-off Meeting, Paradigm personnel, informed the IEPA that an Interim Pilot Plant Report could be submitted to IEPA and USEPA during the 3<sup>rd</sup> Qtr 2011. On August 15, 2011, Paradigm submitted a report titled "Supplemental Pilot Plant Summary Report" to IEPA and USEPA. Additional information associated with the Pilot Plant Treatability Study is solely being addressed by Paradigm Minerals & Environmental Services and representatives of USEPA, IEPA.

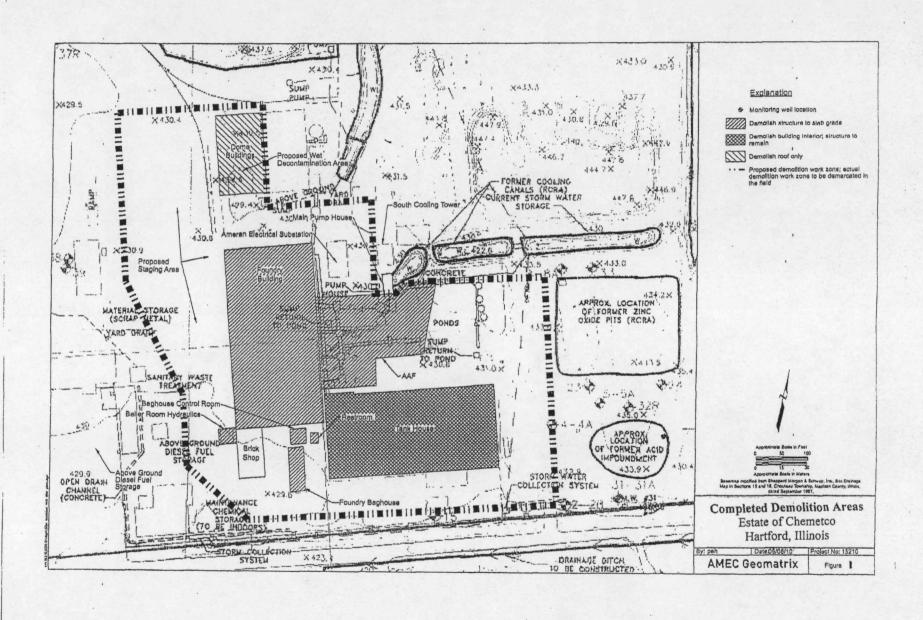
#### 6.2.4 Demolition Work Plan

Final Demo Work Plan was approved by IEPA on June 24, 2010. Demolition work began in June 3<sup>rd</sup> Quarter 2010. The main power was shut off on December 3, 2010 to complete the work in the AFF area and begin work in the foundry building. Temporary generators were brought it to provide temporary power. Due to inclement whether, AIS informed IEPA and USEPA their intention to shutdown demolition activities. No Demolition activities occurred between January 19, 2011 of the 1<sup>st</sup> Qtr 2011 and June 30, 2011 of the 2<sup>nd</sup> Qtr 2011.

On June 22, 2011 a Kick-Off Meeting was held at the site for AIS to inform the IEPA and USEPA their intention to resume demolition activities in July during the 3<sup>rd</sup> Qtr, 2011. AIS estimated that it will take approximately 2 to 3 months to complete the work. IEPA and USEPA requested that a revised work schedule be provided. The revised schedule was included as Figure 2 of the 3<sup>rd</sup> Quarter 2011 Progress Report. Demolition activities resumed after July 4, 2011 and were completed on December 16, 2011. No adjustments to the schedule were made.

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 27 of 32

**Figures** 



# FIGURE 2-PHOTODOCUMENTATION

**Client Name:** 

Estate of Chemetco, Inc.

**Site Location:** 

3<sup>rd</sup> Qtr 2012

Date: 9/26/2012

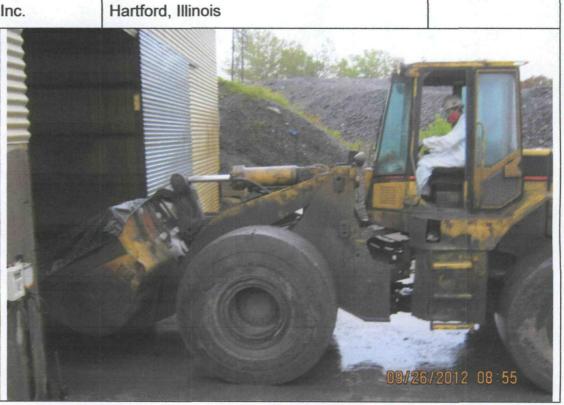
**Direction Photo** 

Taken:

North East

**Description:** 

Movement of Fines Material. Covered material to minimize spillage



Date: 8925/2012

Direction Photo Taken:

North East

Description:

Movement of Fines Material. Covered material to minimize spillage



# FIGURE 2-**PHOTODOCUMENTATION**

**Client Name:** 

Estate of Chemetco, Inc.

Site Location: Hartford, Illinois 3<sup>rd</sup> Qtr 2012

Date: 10/04/2012

**Direction Photo** 

East

Taken:

Description:

**Movement of Fines** Material. Covered material to minimize spillage



Date: 10/02/2012

**Direction Photo** Taken:

North East

Description:

Movement of Fines Material. Covered material to minimize spillage



3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 28 of 32

**APPENDIX**A

Scrubber Sludge Mixed with Fines and

**Copper Furnace Cleanup Solid Shipments** 

#### TABLE 1

# Summary of Scrubber Sludge/mixed with fines and Copper Furnace Cleanup Solids Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

Hartford, Illinois

	Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Containe (CTID 4	Approximate Weight in kg	Approximate Weight in MT
1		<del></del>		Container (CTU) #		
ļ	1	8/3/2012	50724	TEMU 240754-1	19,793	19.79
ļ	2	8/3/2012	50725	CMAU 013294-8	19,810	19.81
	3	8/3/2012	50726	TGHU 137848-2	19,846	19.85
	4	8/3/2012	50727	ECMU 116930-6	19,686	19.69
	5	8/3/2012	50728	CMAU 183069-2	19,843	19.84
	6	8/6/2012	50729	ECMU 129919-3	19,673	19.67
	7	8/6/2012	50730_	DVRU 146086-8	19,742	19.74
·	8	8/6/2012	50731	IPXU 343977-0	19,708	19.71
C	9	8/6/2012	50732	CRXU 132561-0	19,586	19.59
M	10	8/6/2012	50733	GLDU 204376-4	19,725	19.73
A	11	8/7/2012	50734	TGHU 192491-6	19,823	19.82
C	12	8/7/2012	50735	CMAU 144990-0	19,768	19.77
	13	8/7/2012	50736	UNIU 204827-3	19,770	19.77
	14	8/7/2012	50737	CMAU 130909-3	19,800	19.80
	15	8/7/2012	50738	CLHU 303621-0	19,772	19.77
	16	8/8/2012	50739	FCIU 452161-9	19,742	19.74
ļ	17	8/8/2012	50740	UNIU 204779-1	19,780	19.78
	18	8/8/2012	50741	ECMU 132225-1	19,815	19.82
	19	8/8/2012	50742	SGCU 000324-5	19,793	19.79
	20	8/8/2012	50743	CMAU 217832-0	19,899	19.90
	21	8/8/2012	50744	TEMU 317034-6	19,697	19.70
	22	8/9/2012	50746	TGHU 395725-1	19.664	19.66
	23	8/9/2012	50745	TRLU 884941-3	19,603	19.60
	24	8/9/2012	50748	ECMU 154152-1	19,614	19.61
	25	8/9/2012	50747	BMOU 206294-0	19,818	19.82
c	26	8/9/2012	50749	GESU 319523-5	19,731	19.73
м I	27	8/9/2012	50750	CNCU 282389-6	19,583	19.58
A	28	8/10/2012	50751	CMAU 130528-8	19,638	19.64
C	29	8/10/2012	50752	GATU 113512-3	19,534	19.53
`	30	8/10/2012	50753	DVRU 145181-9	19,678	19.68
	31	8/13/2012	50754	ECMU 193922-2	19,677	19.68
-	32	8/13/2012	50755	ECMU 143714-2	19,780	19.78
1	33	8/13/2012	50756	ECMU 218214-9	19,780	19.85
	34	8/13/2012	50757	ECMU 127461-5	19,745	19.75
1	35	8/13/2012	50758	GATU 076220-0	19,837	19.84
	36	8/14/2012	50759	TGHU 319625-5	19,876	19.88
	<u></u>	<del></del>	·	pped in August 2012 :	710,698	710.70
		STORY		ppod iii ii dagaat 2012.		
<u></u>	Number of	Date Container	Bill of Lading		T	Approximate Weight i
J	Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	MT
	1	9/6/2012	50760	CMAU 032263-4	19,725	19.73
	2	9/6/2012	50761	ECMU 175985-3	19,806	19.81
	3	9/6/2012	50762	CMAU 217154-2	19,724	19.72
C	4	9/6/2012	50763	CMAU 143794-1	19,596	19.60
М	5	9/7/2012	50764	CLHU 263767-0	19,805	19.81
A	6	9/7/2012	50765	FCIU 265486-5	19,699	19.70
C	7	9/7/2012	50766	TEMU 293441-3	19,680	19.68
	8	9/7/2012	50767	CMAU 181155-8	19,713	19.71
	9	9/7/2012	50768	ECMU 183996-4	19,659	19.66
	10	9/10/2012	50769	GSTU 360186-5	19,697	19.70
	11	9/10/2012	50770	TCKU 205605-7	19,670	19.67
	<del></del>	9/10/2012	50770	7010 200005-7	19,070	19.07

CAIU 232747-9

GESU 278195-1

TGHU 394496-9

CRXU 332146-6

CMAU 002567-8

19,760

19,726

19,430

19,627

19,798

19.76

19.73

19.43

19.63

19.80

9/10/2012

9/10/2012

9/10/2012

9/11/2012

9/11/2012

50771

50772

50773

50774

50775

12

13

14

15

16

#### TABLE 1

# Summary of Scrubber Sludge/mixed with fines and Copper Furnace Cleanup Solids Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

#### State of Chemeto Hartford, Illinois

	Number of	Date Container	Bill of Lading			Approximate Weight in
	Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	MT
	17	9/11/2012	50776	CLHU 254526-0	19,743	19.74
	18	9/11/2012	50777	FCIU 462856-7	19,812	19.81
-	- 19	9/11/2012	50778	IPXU 327335-4	- 19,739	19.74 ·
,	20	9/12/2012	50779	TRLU 888079-0	19,693	19.69
 	21	9/12/2012	50780	IPXU 305257-0	19,557	19.56
	22	9/12/2012	50781	TTNU 163744-0	19,901	19.90
C	23	9/12/2012	50782	GESU 308133-5	19,699	19.70
M	24	9/12/2012	50783	GLDU 538939-1	19,756	19.76
A	25	9/12/2012	50784	CMAU 133590-8	19,833	19.83
C	26	9/19/2012	50785	DVRU 146506-8	19,854	19.85
	27	9/19/2012	50786	CMAU 200920-7	19,836	19.84
ł	28	9/20/2012	50790	ECMU 219649-8	19,742	19.74
ĺ	29	9/20/2012	50787	TEMU 255723-8	19,836	19.84
(	30	9/20/2012	50788	XINU 102539-1	19,808	19.81
j j	31	9/20/2012	50789	ECMU 183340-0	19,849	19.85
<u> </u>	Total Coppe	er Furnace Cleant	ıp Solids Shipp	ed in September 2012 :	611,773	611.77

#### TABLE 2

# Historical Summary of Scrubber Sludge/mixed with fines and Copper Furnace Cleanup Solids Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco Harford, Illinois

	<u> </u>	Date Container	Bill of Lading	<del></del>	[	
Į.	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
1	1	10/26/2011	50480	MEDU 672108-0	19,893	19.89
1	2	10/26/2011	50481	MSCU 105790-1	19,702	19.70
\	3	10/27/2011	50482	GLDU 512907-5	20,518	20.52
С	4	10/27/2011	50483	MEDU 399990-4	20,091	20.09
М	5	10/28/2011	50484	GLDU 334013-4	19,826	19.83
A	6	10/28/2011	50485	TCKU 323567-4	19,875	19.88
С	7	10/28/2011	50486	TRLU 888921-0	20,391	20.39
1	8	10/28/2011	50487	MEDU 612964-1	20,070	20.07
]]	9	10/31/2011	50488	MEDU 611760-9	20,111	20.11
<b>\</b>	10	10/31/2011	50489	MEDU 611462-1	20,243	20.24
ll	11	10/31/2011	50490	GLDU 335567-0	20,163	20.16
li .	12	10/31/2011	50491	CARU 220915-3	20,109	20.11
1	Tot	al Scrubber Słudge/mix	ed with Fines Shipped	in October 2011:	240,992	241
ll .	1	11/1/2011	50491	MEDU 351891-1	20,182	20.18
li	2	11/1/2011	50492	MEDU 233219-9	20,227	20.23
1	3	11/1/2011	50493	MSCU 305186-2	20,026	20.03
))	4	11/1/2011	50494	MEDU 658727-0	20,313	20.31
II.	5	11/1/2011	50495	MSCU 125440-7	20,134	20.13
j	6	11/2/2011	50496	MEDU 249061-4	20,243	20.24
1	7.	11/2/2011	50497	GLDU 396860-3	20,139	20.14
H	8	11/4/2011	50498	MSCU 635384-5	20,178	20.18
C	9.	11/4/2011	50499	MEDU 660763-2	20,285	20.29
M	10	11/4/2011	50500	MSCU 307407-1	20,209	20.21
A	11	11/4/2011	50501	MEDU 648164-7	20,270	20.27
C	12	11/4/2011	50502	TGHU 340349-7	19,824	19.82
	13	11/7/2011	50503	FSCU 313097-0	19,656	19.66
1	14	11/29/2011	50504	MSCU 341356-0	19,806	19.81
1)	15	11/29/2011	50505	MSCU 329369-7	. 19,807	19.81
Q.	16	11/29/2011	50506	MEDU 101377-2	19,770	19.77
ļ	17	11/29/2011	50507	MSCU 332190-5	19,807	19.81
11	18	11/30/2011	50508	CAXU617240-1	19,813	19.81
\{	19	11/30/2011	50509	MEDU 645666-5	19,809	19.81
U	20	11/30/2011	50510	TPHU 820127-0	19,810	19.81
l	21	11/30/2011	50511	MEDU 244619-1	19,802	19.80
1)	Tota	l Scrubber Sludge/mixed	420,110	420		

	T T	Date Container	Bill of Lading			
1	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
,	1	12/1/2011	50512	MSCU 132227-1	19,809	19.81
l	2	12/1/2011	50513	TCLU 213251-3	10,801	10.80
1	3	12/2/2011	50514	GLDU 507841-9	19,854	19.85
}	4	12/2/2011	50515	MSCU 240922-6	19,807	19.81
į.	5	12/2/2011	50516	CAIU 273165-0	19,811	19.81
	6	12/2/2011	50517	MEDU 640866-7	10,791	10.79
Ì	7	12/2/2011	50518	DFSU 244050-6	19,771	19.77
Į	8	12/5/2011	50519	MEDU 175344-4	19,809	19.81
	9	12/5/2011	50520	GLDU 394641-4	19,811	19.81
4	10	12/5/2011	50521	MEDU 243995-2	19,792	19.79
C	11	12/5/2011	50522	CAIU 280639-0	19,811	19.81
М	12	12/5/2011	50523	CAIU 280626-0	19,808	19.81
A	13	12/5/2011	50524	MEDU 277071-8	19,810	19.81
С	14	12/6/2011	50525	MEDU 645660-2	19,808	19.81
	15	12/6/2011	50526	MSCU 208888-8	19,803	19.80
ll	16	12/6/2011	50527	MEDU 643511-1	19,806	19.81
	17	12/6/2011	50528	MSCU 166839-3	19,800	19.80
<b>}</b> }	18	12/7/2011	50529	CAIU 280625-5	19,807	19.81
<u> </u>	19	12/7/2011	50530	MSCU 189551-9 .	. 19,810	19.81
	20	12/7/2011	50531	MEDU 116877-4	19,806	19.81
]]	21	12/8/2011	50532	MEDU 212783-0	19,810	19.81
<b>{</b> }	22	12/7/2011	50533	CLHU 275722-7	19,811	19.81
[[	23	12/7/2011	50534	MSCU 154260-9	19,811	19.81
[]	24	12/7/2011	50535	GLDU 519112-7	19,813	19.81
1	25	12/8/2011	50536	· MSCU 203421-7	19,811	19.81

TABLE 2

	26 27	12/8/2011	50537 50538	MEDU 161288-9	19,819 19,808	19.82 19.81
<u> </u>				MEDU 639471-1	, i	
	28	12/9/2011	50541	MEDU 621498-0	19,810	19.81
	29	12/9/2011	50539	MEDU 308320-7	19,815	19.82
<b> </b>	30	12/9/2011	50540	MSCU 145135-0	19,808	19.81
	. 31	12/9/2011	50542	FSCU 341936-6	19,807	19.81
	32	12/9/2011	50543	MSCU 243989-5	19,811	19.81
}	33	12/9/2011	50544	CARU 213675-6	19,810	19.81
C	34	12/12/2011	50545	TRLU 884486-0	19,805	19.81
M	35	12/12/2011	50546	MEDU 378884-0	19,810	19.81
A	36	12/12/2011	50547	MEDU 326660-9	19,811	19.81
C	37	12/12/2011	50548	FSCU 353295-8	19,810	19.81
	38	12/13/2011	50549	GATU 032033-8	19,813	19.81
	39	12/13/2011	50550	CRXU 232324-8	19,812	19.81
	40	12/13/2011	50551	IPXU 385950-9	19,811	19.81
1 1	41	12/13/2011	50552	GLDU 508538-3	19,813	19.81
	42	12/14/2011	50553	CRXU 206754-7	19,813	19.81
	Tota	al Scrubber Sludge/mixed	with Fines Shipped in	December 2011:	813,967	814

		Date Container	Bill of Lading			
1) 1	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	11/7/2011	49875	GSTU517759-2	19,774	19.77
1	2	11/8/2011	49876	ECMU151997-6	19,802	19.80
	3	11/8/2011	49877	ECMU196142-1	19,808	19.81
1	4	11/8/2011	49878	TEMU258915-3	19,799	19.80
1	5	11/8/2011	49879	CMAU111289-0	19,802	19.80
	6	11/8/2011	49880	BMOU 217455-4	19,633	19.63
.	7	11/9/2011	49881	TGHU138526-5	19,551	19.55
н	8	11/10/2011	49882	CMAU018299-6	19,768	19.77
&	9	11/10/2011	49884	CMAUI 16683-4	19,799	19.80
) н	10	11/10/2011	49883	CMAU164386-0	19,758	19.76
}	11	11/10/2011	49885	IPXU391374-4	19,759	19.76
M	12	11/10/2011	49886	ECMU202611-0	19,761	19.76
E	13	11/10/2011	49887	CMAU193548-2	19,800	19.80
T	14	11/15/2011	49888	ECMU112505-7	19,810	19.81
A	15	11/15/2011	49889	CMAU213270-0	19,805	19.81
L	16	11/15/2011	49890	CLHU 376319-0	19,787	19.79
S	17	. 11/15/2011	49891	CMAU032271-6	19,811	19.81
	18	11/15/2011	49892	CMAU193308-9	19,523	19.52
( )	19	11/16/2011	49893	CAIU229180-1	19,808	19.81
<b>i</b> l !	20	11/16/2011	49894	CMAU150920-8	19,810	19.81
	21	11/16/2011	49895	ECMU180716-5	19,805	19.81
li l	22	11/16/2011	49896	ECMU129679-0	19,802	19.80
	23	11/17/2011	49897	BMOU203425-4	19,804	19.80
<i> </i>	24	11/17/2011	49898	ECMU187657-2	19,804	19.80
\\ \ \	25	11/17/2011	49899	CLHU 307267-0	19,811	19.81
	26	11/17/2011	49900	TRLU967524-0	19,794	19.79
	27	11/18/2011	49901	CNCU283678-5	19,800	19.80
	28	11/18/2011	49902	TGHU 002801-0	19,791	19.79
{}	29	11/21/2011	49903	ECMU148767-3	19,768	19.77
<u> </u>	30	11/22/2011	49904	TRLU 905603-4	19,806	19.81
(	31 .	11/22/2011	49905	ECMU 167878-4	19,808	19.81
<u>{</u>	32	11/23/2011	49906	TRLU 303080-8	19,744	19.74
	33	11/23/2011	49907	ECMU 204171-0	19,806	19.81
]] ]	34	11/23/2011	49908	FCIU 366452-8	19,764	19.76
<u>{</u> }	35	11/23/2011	49909	CMAU 178634-7	19,802	19.80
	36	11/23/2011	49910	SGCU 156536-0	19,778	19.78
L	Tota	l Scrubber Sludge/mixe	d with Fines Shipped	in November 2011:	711,855	712

	[	Date Container	Bill of Lading	1		
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	i	12/14/2011	49911	CMAU 155727-4	19,813	19.81
Ì	2	12/14/2011	49912	CMAU 178720-9	19,812	19.81
	3	12/14/2011	49913	CRXU_157205-6	19,806	19.81
1	4	12/15/2011	49914	TGHU 360260-5	19,821	19.82
ļ	5	12/15/2011	49915	DFSU 204786-5	19,812	19.81
<u> </u>	6	12/15/2011	49916	GATU 077268-3	19,813	19.81
	7	12/15/2011	49917	IPXU 336114-1	19,811	19.81
1	8	12/15/2011	49918	ICSU 497319-1	19,813	19.81
))	9	12/16/2011	49919	CMAU 185789-0	19,811	19.81
Н	10	12/16/2011	49920	ECMU 183983-5	19,812	19.81
&	11	12/16/2011	49921	CMAU 211572-3	19,807	19.81
н	12	12/16/2011	49922	ECMU 1214056-5	19,808	19.81
ļ(	13	12/19/2011	49923	DVRU 139231-5	19,812	19.81
M M	14	12/19/2011	49924	ECMU 178195-0	19,810	19.81
l E	15	12/19/2011	49925	BMOU 203145-0	19,811	19.81
] т	16	12/19/2011	49926	ECMU 181351-1	19,812	19.81
A	17	12/19/2011	49927	IPXU 335221-6	19,811	19.81
L	18	12/20/2011	49928 .	ECMU 114001-0	19,809	19.81
s	19	12/21/2011	49929	CLHU 283227-5	19,808	19.81
<b> </b>   '	20	12/21/2011	49930	CMAU 142135-4	19,809	. 19.81
<b>!</b> (	21	12/21/2011	49931	GSTU 475248-6	19,812	19.81
]]	22	12/21/2011	49932	CMAU 211874-3	19,805	19.81
]	23	12/21/2011	49933	ECMU 172718-3	19,807	19.81
]]	24	12/21/2011	49934	TGHU 131564-8	19,813	19.81
1)	25	12/22/2011	49935	CMAU 176975-6	19,810	19.81
<b>{</b> }	26	12/22/2011	49936	ECMU 187672-0	19,811	19.81
li .	27	12/22/2011	49937	CMAU 028488-0	19,809	19.81
ĮĮ.	28	12/22/2011	49938	XINU120806-8	19,809	19.81
<b>{</b> (	29	12/27/2011	49939	TRLU 899567-6	19,811	19.81
	30	12/27/2011	49940	TGHU 131408-7	19,811	19.81
1	31	12/27/2011	49941	DVRU 160133-3	19,810	19.81
l	32	12/27/2011	49942	GVCU 226631-6	19,811	19.81
))	33	12/28/2011	49943	ECMU 129910-4	19,806	19.81
<u> </u>	Tota	l Scrubber Sludge/mixe	d with Fines Shipped	in December 2011:	653,746	654

		Date Container	Bill of Lading			
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	1/4/2012	49944	HLXU 305466-1	19,810	19.81
ļ	2	1/4/2012	49945	HLXU 228242-0	19,812	19.81
ļ	3	1/4/2012	49946	FSCU 307094-7	19,808	19.81
н	4	1/5/2012	49947	GLDU 200378-2	19,811	19.81
& &	5	1/5/2012	49948	GATU 032909-0	19,812	19.81
н	6	1/5/2012	49949	CPSU 163479-0	19,813	19.81
)	7	1/6/2012	49950	HILXU 337688-4	19,712	19.71
M	8	1/6/2012	49951	FLBU 311473-5	19,812	19.81
E	9	1/9/2012	49952	FSCU 303207-9	19,811	19.81
Т (	10	1/9/2012	49953	GLDU 351256-8	19,800	19.80
A	11	1/9/2012	49954	HLXU 333807-7	19,812	19.81
[ L	12	1/9/2012	49955	CRXU 321107-3	19,812	19.81
S	13	1/9/2012	49956	GATU 135022-9	19,812	19.81
}	14	1/10/2012	49957	CPSU 130669-9	19,808	19.81
İ	15	1/10/2012	49958	CPSU 130970-1	19,809	19.81
}	16	1/10/2012	49959	FCIU 304080-9	19,813	19.81
ŀ	17	1/11/2012	49960	CPSU 179178-4	19,812	19.81
	18	1/11/2012	49961	TCKU 196162-0	19,812	19.81
[	Tot	356,491	356			

		Date Container	Bill of Lading			
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	3/14/2012	50554	TGHU 391020-7	19,609	19.61
11	2	3/15/2012	50555	ECMU 122947-3	19,841	19.84
ll.	3	3/15/2012	50556	TRHU 150513-0	19,808	19.81
ll .	4	3/15/2012	50557	CMAU 181553-2	19,811	19.81
	5	3/16/2012	50558	FCIU 213716-3	19,811	19.81
H	6	3/16/2012	50559	CMAU 100424-2	19,809	19.81
1)	7	3/16/2012	50560	ECMU 221434-9	19,810	19.81
1	8	3/19/2012	50561	TRLU 961540-4	19,810	19.81
1	9	3/19/2012	50562	CMAU 114984-2	19,812	19.81
ļļ.	10	3/19/2012	50563	TCKU 243306-3	19,809	19.81
C	11	3/19/2012	50564	TGHU 303201-6	19,781	19.78
М	12	3/19/2012	50565	TTNU 311789-5	19,206	19.21
A	13	3/20/2012	50566	CMAU 140553-8	19,758	19.76
∥ c .	14	3/20/2012	50567	GESU 118992-7	19,692	19.69
	15	3/20/2012	50568	GESU 237207-0	19,627	19.63
<b> </b>	16	3/20/2012	50569	ECMU 204731-8	19,083	19.08
	17	3/21/2012	50570	CMAU 192849-9	19,591	19.59
[	18	3/21/2012	50571	ECMU 109715-0	19,877	19.88
1	19	3/21/2012	50572	CMAU 136675-0	. 19,735	19.74
	20	3/21/2012	50573	INBU 381184-4	19,595	19.60
1	21	3/22/2012	50574	CLHU 257992-7	19,607	19.61
i	22	3/22/2012	50575	CMAU 125836-0	19,427	19.43
	23	3/22/2012	50576	ECMU 147242-0	19,809	19.81
	24	3/22/2012	50577	TEMU 289616-5	19,901	19.90
	25	3/23/2012	50578	TEMU 317584-1	19,467	19.47
1	26	3/30/2012	50579	XINU 145933-5	19,821	19.82
	27	3/30/2012	50580	CMAU 021185-7	19,623	19.62
	28	3/30/2012	50581	CMAU 175557-8	19,614	19.61
	Tot	al Scrubber Sludge/mix	ed with Fines Shipped	in March, 2012 :	551,144	551

	Ī	Date Container	Bill of Lading			
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
	1	4/2/2012	50582	ECMU 178205-1	19,631	19.63
l	2	4/2/2012	50583	CMAU 003516-7	19,910	19.91
	3	4/2/2012	50584	ECMU 174179-3	19,732	19.73
	4	4/2/2012	50585	XINU 120271-1	19,628	19.63
	5	4/2/2012	50586	CMAU 111756-8	19,467	19.47
	6	4/3/2012	50587	TGHU 116741-1	19,746	19.75
j	7	4/3/2012	50588	GESU 305810-3	19,755	19.76
	8	4/3/2012	50589	ECMU 188605-6	19,892	19.89
[	9	4/3/2012	50590	ECMU 172186-3	19,396	19.40
	10	4/4/2012	50591	CMAU 119756-3	19,044	19.04
С	11	4/4/2012	50592	CMAU 132587-5	19,867	19.87
М	12	4/4/2012	50593	ECMU 151843-4	19,834	19.83
A	13	4/4/2012	50594	ECMU 135258-0	19,508	19.51
C	14	4/4/2012	50595	BSIU 215134-3	19,764	19.76
	15	4/4/2012	50596	ECMU 117939-3	19,529	19.53
	16	4/5/2012	50597	SCZU 799182-9	19,529	19.53
	17	4/5/2012	50598	CRXU 192287-4	19,827	19.83
	18	4/5/2012	50599	CLHU 324115-3	19,892	19.89
ļļ i	19	4/5/2012	50600	ECMU 215449-2	19,405	19.41
\\	20	4/5/2012	50601	ECMU 186539-3	19,843	19.84
	21	4/5/2012	50602	TRLU 895247-9	19,708	19.71
<b> </b>	22	4/6/2012	50603	DVRU 139289-2	19,683	19.68
	23	4/13/2012	50604	ECMU 127265-4	19,898	19.90
	24	4/13/2012	50605	TCKU 266529-0	19,825	19.83
	25	. 4/13/2012	50606	_ ECMU 144077-9	. 19,833	. 19.83
	26	4/13/2012	50607	CLHU 242121-1	19,806	19.81
1	27	4/16/2012	50608	UNIU 205322-2	19,858	19.86
li.	28	4/16/2012	50609	BHCU 301869-0	19,901	19.90
	29	4/16/2012	50610	CMAU 160424-7	19,862	19.86
	30	4/16/2012	50611	TRLU 929557-4	19,898	19.90
	31	4/17/2012	50612	GESU 319535-9	19,789	19.79
H	32	4/17/2012	50613	TTNU 347134-2	19,500	19.50

### Historical Summary of Scrubber Sludge/mixed with fines and Copper Furnace Cleanup Solids Shipments 3rd Quarter 2012 Progress Report **Estate of Chemetco** Harford, Illinois

				,		
}	. 33	4/17/2012	50614	SCZU 773067-7	19,763	19.76
1	34	4/17/2012	50615	ECMU 220238-0	19,520	19.52
	35	4/18/2012	50616	DVRU 161901-3	19,920	19.92
1	36	4/18/2012	50617	CLHU 299248-4	19,724	19.72
ll	37	4/18/2012	50618	IPXU 301819-5	19,568	19.57
li	38	4/18/2012	50619	TEMU 252710-4	19,609	19.61
11	39	4/18/2012	50620	BMOU 218527-1	19,544	19.54
ll .	40	4/19/2012	50621	TGHU 128430-0	19,607	19.61
1	41	4/19/2012	50622	FCIU 460023-5	19,720	19.72
N	42	4/19/2012	50623	CMAU 190439-4	19,868	19.87
1	43	4/19/2012	50624	TEMU 323793-8	19,857	19.86
ll.	44	4/19/2012	50625	ECMU 168613-0	19,568	19.57
	45	4/20/2012	50626	ECMU 212700-7	19,687	19.69
C	46	4/20/2012	50627	CMAU 159227-5	19,783	19.78
М	47	4/20/2012	50628	FCIU 280870-2	19,624	19.62
A	48	4/20/2012	50629	INBU 386561-9	19,711	19.71
С	49	4/23/2012	50630	CMAU 152116-3	19,098	19.10
¥	50	4/23/2012	50631	ECMU 213917-9	19,584	19.58
Į.	51	4/23/2012	50632	ECMU 178759-9	19,805	19.81
li	52	4/23/2012	50633	TEMU 283806-6	19,612	19.61
))	53	4/23/2012	50634	SGCU 198380-1	19,535	19.54
-	54	4/23/2012	50635	GESU 303770-7	19,894	19.89
	55	4/24/2012	50636	GESU 268946-5	19,518	19.52
	56	. 4/24/2012	50637	CMAU 011390-6	19,534	19.53
1	57	4/24/2012	50638	CMAU 186751-5	19,711	19.71
li.	58	4/24/2012	50639	IPXU 331768-4	19,812	19.81
i	59	4/25/2012	50640	CMAU 178520-6	19,440	19.44
))	60	4/25/2012	50641	TEMU 262464-0	19,585	19.59
H	61	4/25/2012	50642	CMAU 218516-6	19,559	19.56
<u>ļ</u> t	62	4/25/2012	50643	FCIU 214484-0	19,524	19.52
	63	4/25/2012	50644	DVRU 151505-0	19,434	19.43
1	64	4/25/2012	50645	ECMU 122465-6	19,638	19.64
1	65	4/25/2012	50646	ECMU 196681-9	19,532	19.53
1	66	4/26/2012	50647	CRXU 185564-7	19,217	19.22
1	67	4/26/2012	50648	CMAU 195812-7	19,710	19.71
1)	68	4/26/2012	50649	DVRU 151126-6	19,525	19.53
II.	69	4/26/2012	50650	TEMU 259206-0	19,654	19.65
1	70	4/26/2012	50651	ECMU 219174-7	19,551	19.55
)j	71	4/27/2012	50652	CMAU 028872-0	19,689	19.69
II	72	4/27/2012	50653	CMAU 163178-8	19,550	19.55
ll .	73	4/27/2012	50654	TGHU 110505-0	19,797	19.80
Ji	74	4/27/2012	50655	ECMU 149709-6	19,773	19.77
<b>{</b> }	75	4/27/2012	50656	ECMU 184315-7	19,671	19.67
ļļ.	76	4/27/2012	50657	TRLU 371858-1	19,763	19.76
li .	17	4/30/2012	50658	CAIU 232518-3	19,730	19.73
11	78	4/30/2012	50659	DFSU 208876~1	19,670	19.67
<b>\</b>	79	4/30/2012	50660	CMAU 106412-8	19,782	19.78
	80	4/30/2012	50661	CMAU 166413-8	19,749	19.75
A .	81	4/30/2012	50662	TGHU 134334-1	19,850	19.85

		Date Container	Bill of Lading			I
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
ll.	1	5/1/2012	50663	DVRU 162118-1	19,570	19.57
[	2	5/1/2012	50664	CMAU 159250-5	19,442	19.442
))	3	5/2/2012	50665	TRHU 175232-0	19,639	19.639
<u> </u>	<b>4</b>	5/2/2012	50666	BMOU 217594-6	19,830	19.83
<u>[</u> [	5	5/2/2012	50667	GVCU 202738-0	19,871	19.871
	6	5/3/2012	50668	GESU 244499-2	. 19,449	19.449
С	7	5/3/2012	50669	ECMU 113312-9	19,884	19.884
M	8	5/3/2012	50670	TEMU 317758-8	19,717	19.717
A	9	5/3/2012	50671	FCIU 287779-2	19,815	19.815
C	10	5/3/2012	50672	TGHU 349774-7	19,829	19.829
1	11	5/4/2012	50673	TEMU 319124-6	19,662	19.662
ll	12	5/4/2012	50674	ECMU 129154-6	19,585	19.585
li .	13	5/4/2012	50675	ECMU 178053-1	19,709	19.709

Total Scrubber Sludge/mixed with Fines Shipped in April 2012:

1,593,329

1,593

### Historical Summary of Scrubber Sludge/mixed with fines and Copper Furnace Cleanup Solids Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

#### Estate of Chemeto Harford, Illinois

	14	5/4/2012	50676	CMAU 197013-8	19,482	19.482
() ()	15	5/7/2012	50677	ECMU 129832-4	19,713	19.713
11 11	16	5/7/2012	50678	GESU 112135-7	19,861	19.861
	T	otal Scrubber Sludge/mi	315,058	315		

	<u> </u>	Date Container	Bill of Lading			i "
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
[[	1	6/1/2012	50679	ECMU 174910-9	19,767	19.77
il .	2	6/1/2012	50680	GLDU 541851-9	19,726	19.73
ii l	3	6/1/2012	50681	GVCU 204743-1	19,858	19.86
	4	6/1/2012	50682	CMAU 032042-0	19,756	19.76
<u>]]</u>	5	6/1/2012	50683	CMAU 187772-4	19,813	19.81
1	6	6/1/2012	50684	XINU 108439-4	19,618	19.62
	7	6/4/2012	50685	ECMU 110109-7	19,804	19.80
1	8	6/4/2012	50686	ECMU 130224-0	19,658	19.66
	9	6/4/2012	50687	CMAU 026486-2	19,742	19.74
11	10	6/5/2012	50688	TGHU 130412-9	19,631	19.63
11	11	6/5/2012	50689	TGHU 161468-0	19,680	19.68
1	12	6/5/2012	50690	TGHU 130713-3	19,685	19.69
	13	6/5/2012	50691	GESU 111675-1	19,795	19.80
	14	6/6/2012	50692	ECMU 163639-6	19,819	19.82
	15	6/6/2012	50693	ECMU 217259-9	19,832	19.83
С	16	6/6/2012	50694	GVCU 206916-9	19,708	19.71
м	17	6/6/2012	50695	ECMU 200581-6	19,606	19.61
A	18	6/6/2012	50696	GESU 296748-4	19,762	19.76
C	19	6/6/2012	50697	IPXU 330612-3	19,615	19.62
1	20	6/7/2012	50698	CMAU 170374-3	19,812	19.81
	21	6/7/2012	50699	CRXU 309784-4	19,760	19.76
1)	22	6/7/2012	50700	TEMU 256011-8	19,818	19.82
li	23	6/7/2012	50701	DVRU 148590-6	19,830	19.83
ĺl .	24	6/8/2012	50702	FCIU 333896-4	19,767	19.77
	25	6/8/2012	50703	CNCU 150608-0	19,692	19.69
	26	6/20/2012	50704	ECMU 149991-0	19,861	19.86
	27	6/20/2012	50705	ECMU 172978-2	19,639	19.64
	28	6/20/2012	50706	ECMU 152092-0	19,786	19.79
	29	6/21/2012	50707	CRXU 185808-1	19,887	19.89
	30	6/21/2012	50708	CMAU 112278-0	19,744	19.74
1	31	6/21/2012	50709	TGHU 001918-0	19,795	19.80
}	32	6/22/2012	50710	XINU 154891-5	19,801	19.80
li	33	6/22/2012	50711	ECMU 118567-3	19,811	19.81
	34	6/22/2012	50712	GATU 052045-0	19,732	19.73
	35	6/22/2012	50713	CMAU 124182-0	19,872	19.87
С	36	6/22/2012	50714	GLDU 534603-9	19,713	19.71
М	37	6/25/2012	50715	ECMU 193786-8	19,841	19.84
A	38	6/25/2012	50716	CAXU658307-0	19,819	19.82
C	39	6/25/2012	50717	CRXU 313808-0	19,885	19.89
	40	6/25/2012	50718	ECMU 171244-0	19,690	19.69
	41	6/25/2012	50719	CLHU 342692-2	19,788	19.79
1)	42	6/25/2012	50720	TEMU 258334-5	19,884	19.88
	43	6/25/2012	50721	ECMU 150034-8	19,436	19.44
{{	44	6/26/2012	50722	IPXU 323700-1	19,901	19.90
1	45	6/26/2012	50723	GESU 127572-7	19,709	19.71
	T	otal Scrubber Sludge/m	xed with Fines Shipped	d in June 2012 :	889,148	889

Number of Shipments	Date Container Loaded /Shipped	Bill of Lading Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in M
1	8/3/2012	50724	TEMU 240754-1	19,793	19.79
2	8/3/2012	50725	CMAU 013294-8	19,810	19.81
3 -	8/3/2012 -	50726	TGHU 137848-2	19,846	- 19.85 -
4	8/3/2012	50727	ECMU 116930-6	19,686	19.69
5	8/3/2012	50728	CMAU 183069-2	19,843	19.84
6	8/6/2012	50729	ECMU 129919-3	19,673	19.67
7	8/6/2012	50730	DVRU 146086-8	19,742	19.74
8	8/6/2012	50731	IPXU 343977-0	19,708	19.71
9	8/6/2012	50732	CRXU 132561-0	19,586	19.59

м	10	8/6/2012	50733	GLDU 204376-4	19,725	19.73
A	11	8/7/2012	50734	TGHU 192491-6	19,823	19.82
C	12	8/7/2012	50735	CMAU 144990-0	19,768	19.77
tt l	13	8/7/2012	50736	UNIU 204827-3	19,770	19.77
	14	8/7/2012	50737	CMAU 130909-3	19,800	19.80
	15	8/7/2012	50738	CLHU 303621-0	19,772	19.77
	16	8/8/2012	50739	FCIU 452161-9	19,742	19.74
l l	17	8/8/2012	50740	UNIU 204779-1	19,780	19.78
	18	8/8/2012	50741	ECMU 132225-1	19,815	19.82
	19	8/8/2012	50742	SGCU 000324-5	19,793	19.79
1	20	8/8/2012	50743	CMAU 217832-0	19,899	19.90
	21	8/8/2012	50744	TEMU 317034-6	19,697	19.70
	22	8/9/2012	50746	TGHU 395725-1	19,664	19.66
1	23	8/9/2012	50745	TRLU 884941-3	19,603	19.60
	24	8/9/2012	50748	ECMU 154152-1	19,614	19.61
	25	8/9/2012	50747	BMOU 206294-0	19,818	19.82
c	26	8/9/2012	50749	GESU 319523-5	19,731	19.73
M	27	8/9/2012	50750	CNCU 282389-6	19,583	19.58
A	28	8/10/2012	50751	CMAU 130528-8	19,638	19.64
c	29	8/10/2012	50752	GATU 113512-3	19,534	19.53
1	30	8/10/2012	50753	DVRU 145181-9	19,678	19.68
	31	8/13/2012	50754	ECMU 193922-2	19,677	19.68
	32	8/13/2012	50755	ECMU 143714-2	19,780	19.78
li l	33	8/13/2012	50756	ECMU 218214-9	19,849	19.85
	34	8/13/2012	50757	ECMU 127461-5	19,745	19.75
1	35	8/13/2012	50758	GATU 076220-0	19,837	19.84
1	36	8/14/2012	50759	TGHU 319625-5	19,876	19.88
	Tot	tal Scrubber Sludge/mixe	ed with Fines Shipped	in August 2012 :	710,698	710.70

		Date Container	Bill of Lading		<del> </del>	
	Number of Shipments	Loaded /Shipped	Number	Container (CTU) #	Approximate Weight in kg	Approximate Weight in MT
ţ l	1	9/6/2012	50760	CMAU 032263-4	19,725	19.73
	2	9/6/2012	50761	ECMU 175985-3	19,806	19.81
ł .	3	9/6/2012	50762	CMAU 217154-2	19,724	19.72
С	4	9/6/2012	50763	CMAU 143794-1	19,596	19.60
M	5	9/7/2012	50764	CLHU 263767-0	19,805	19.81
A	6	9/7/2012	50765	FCIU 265486-5	19,699	19.70
c	7	9/7/2012	50766	TEMU 293441-3	19,680	19.68
ŀ	8	9/7/2012	50767	CMAU 181155-8	19,713	19.71
	9	9/7/2012	50768	ECMU 183996-4	19,659	19.66
	10	9/10/2012	50769	GSTU 360186-5	19,697	19.70
i	11	9/10/2012	50770	TCKU 205605-7	19,670	19.67
	12	9/10/2012	50771	CAIU 232747-9	19,760	19.76
!	13	9/10/2012	50772	GESU 278195-1	19,726	19.73
	14	9/10/2012	50773	TGHU 394496-9	19,430	19.43
	15	9/11/2012	50774	CRXU 332146-6	19,627	19.63
	16	9/11/2012	50775	CMAU 002567-8	19,798	19.80
[	17	9/11/2012	50776	CLHU 254526-0	19,743	19.74
	18	9/11/2012	50777	FCIU 462856-7	19,812	19.81
	19	9/11/2012	50778	IPXU 327335-4	19,739	19.74
i	20	9/12/2012	50779	TRLU 888079-0	19,693	19.69
	21	9/12/2012	50780	IPXU 305257-0	19,557	19.56
<b>.</b>	22	9/12/2012	50781	TTNU 163744-0	19,901	19.90
С	23	9/12/2012	50782	GESU 308133-5	19,699	19.70
M	24	9/12/2012	50783	GLDU 538939-1	19,756	19.76
A	25	9/12/2012	50784	CMAU 133590-8	19,833	19.83
С	26	9/19/2012	50785	DVRU 146506-8	19,854	19.85
	27	9/19/2012	50786	CMAU 200920-7	19,836	19.84
	28	9/20/2012	50790	- ECMU 219649-8	19,742	19.74
1	29	9/20/2012	50787	TEMU 255723-8	19,836	19.84
	30	9/20/2012	50788	XINU 102539-1	19,808	19.81
	31	9/20/2012	50789	ECMU 183340-0	19,849	19.85
	Tota	al Copper Furnace Clea	nup Solids Shipped in	September 2012 :	611,773	611.77

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 29 of 32

### **APPENDIX**B

**Scrap Metal Shipments** 

# TABLE 3 Summary Of Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

			T	·······	1		Tons of	Copper	
					Stainless Steel		Aluminum	Wire Sold	
				Iron and Steel	Sold to Hi-		Metal Sold to	to Interco	1 1
				Sold to	Light	Alton	Wallach	Trading	Didion
				Grossman Steel	International	Materials	Trading	Company	Company
	Number of Shipments	Date of Shipment	Bill of Lading Number	(2)	(2)	(2)	Company (2)	(2)	(2)
3rd									
Quarter		No Shipments were mad	e during the 3rd Quart	er 2012					
2012			<del></del>			-			
	<u> </u>			TOTAL	TONS	0.00	0.00	0.00	0.00

Note:

- (1) Short Ton = 2000 lb
- (2) Gross Ton = 2240 lb

### Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

	<del></del> -				<del></del>						T	Misc, tank	<del></del>
			[		i	Tons of		Misc.			Misc.	and	
1	}	ì			]	Aluminum	Tons of	Copper	Motors	Pot Stag	Motors and	clarifier	
d l		İ		Tons of Iron	Tons of	Metal Sold	Stainless	Sold to	Sold to	Ladles	Crane Parts	sold to	
				and Steel	Lead Metal	to Wallach	Steel Sold	Wallach	Interco	sold to	Sold to	Tank	
1 1				Sold to	Sold to	Trading	to Hi-Light	Trading	Trading	Harsco	Casey	Trailer	Didion
	Number of		Bill of Lading	Grossman	Doe Run	Company	International	Сотрапу	Company	Metals	Equipment	Cleaning	Company
1	Shipments	Date of Shipment	Number	Steel (1)	(1)	(1)	(2)	(2)	(2)	(3)	(3)	(3)	(2)
	1	September 13, 2010	49502	16.05	Ī		T			NA	NA	NA	NA
	2	September 13, 2010	49503	17.04						NA	NA	NA	NA
1	3	September 13, 2010	49504	9.28						NA	NA	NA	NA
	4	September 13, 2010	49505	16.43	· · · · ·					NA	NA NA	NA	NA
1	5	September 13, 2010	49506	7.17						NA	NA	NA	NA
1 1	6	September 13, 2010	49507	17.01						NA .	NA	NA	NA
4	7	September 14, 2010	49508	12.05						NA	NA	NA	NA
1	8	September 14, 2010	49509	16.35	<u> </u>					NA	NA	NA	NA
	9	September 14, 2010	49510	11.15			L			NA	NA	NA	NA
))	10	September 14, 2010	49511	13.29	<u> </u>	ļ				NA NA	. NA	NA_	NA NA
3rd	11	September 14, 2010	49512	16.53		ļ	L			NA NA	NA	NA_	NA
Quarter	12	September 14, 2010	49513	13.83	<b></b>	<u> </u>	<b></b>			NA NA	NA NA	NA	NA
2010	13	September 14, 2010	49514	15.52	<u></u>	<b></b> _	<b> </b>	\_ <del></del>		NA NA	NA NA	NA NA	NA.
	14	September 14, 2010	49515	16.61	<del> </del>	<del> </del>				NA NA	NA NA	NA NA	NA NA
	15	September 15, 2010	49516	13.86 14.88	<del> </del> -	<del> </del>	<del> </del>		<del></del>	NA NA	NA NA	NA NA	NA NA
	16_	September 15, 2010	49517		22.20	<del> </del>	<del> </del>	<del></del>	<del></del> -	NA NA	NA NA	NA NA	NA NA
	17	September 20, 2010 September 20, 2010	49518 49519		21.89	<del> </del>	<del> </del>			NA NA	NA NA	NA NA	NA NA
}	19	September 22, 2010	49519	8.04	21.03	<del> </del>	<del> </del>		<del></del>	NA NA	NA NA	NA NA	NA NA
	20	September 22, 2010	49521	7.21	<del>                                     </del>	<del></del>	<del>                                     </del>	<del> </del>	<del></del>	NA NA	NA NA	NA	NA NA
	21	September 22, 2010	49522		21.56	<del> </del>	<del> </del>			NA NA	NA NA	NA NA	NA NA
	22	September 22, 2010	49523	7.29			<del> </del>			NA	NA	NA	NA NA
	23	September 22, 2010	49524	7.54	<del>                                     </del>		<del>                                     </del>			NA	NA	NA	NA
l l	24	September 22, 2010	49525	12.42						NA	NA	NĀ	NA
li l	25	September 23, 2010	49526	14.81			1			NA	NA	NA	NA
	26	September 27, 2010	49527	9.4						NA	NA	NA	NA
-			TOTAL TONS	293.8	65.7	1	1	T	T T	1			[
	27	October 5, 2010	49529	12,47	1	T i	1			NA	NA	NA	NA
li '	28	October 7, 2010	49530	11.86						NA	NA	NA	NA
1	29	October 11, 2010	49531	12.19						NA	NA	NA	NA
	30	October 13, 2010	49532	7.97						NA_	NA NA	NA_	NA
<u> </u>	31	October 14, 2010	49534	10.06	l					NA.	NA	NA	NA
1	32	October 14, 2010	49535	13.96	L					NA	NA	NA	NA
	33	October 15, 2010	49536	11.86	<u> </u>	<b> </b>	<u> </u>			NA_	NA NA	NA	NA NA
1	34	October 18, 2010	49537	11.72	<del> </del>	ļ		=_		NA.	NA NA	NA	NA NA
	35	October 19, 2010	49538	10.70	<del> </del>	<b> </b>	<del> </del>			NA_	NA NA	NA_	NA NA
ł	36	October 19, 2010	49539	12.47	<del> </del>	<del> </del>	<del></del>		<del> </del> -	NA.	NA NA	NA	NA NA
,,,,	37	November 2, 2010	49554	8.96	<del> </del>	<del> </del>	<del> </del>	<del></del>		NA NA	NA NA	NA_	NA NA
4th	38 39	November 2, 2010	49555	13,40 9.09	<del> </del>	<del> </del>	<del> </del>			NA NA	NA NA	NA NA	NA NA
Quarter 2010	40	November 3, 2010 November 8, 2010	49556 49557	13.48	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del></del>	NA NA	NA NA	NA NA	NA NA
2010	41	November 8, 2010	49558	13.40	<del> </del>	18.52	<del> </del>			NA NA	NA NA	NA NA	NA NA
	42	November 8, 2010	49559	12.46	<del> </del>	10.32	<del> </del>	<del> </del>	<del> </del>	NA NA	NA NA	NA NA	NA NA
1	43	November 10, 2010	49560	13.92	<del> </del>	<del> </del>	<del> </del>			NA NA	NA NA	NA NA	NA NA
	44	November 10, 2010	49561	9.83	<del> </del>	<del>                                     </del>	<del>}</del>	<del> </del>		NA	NA NA	NA	NA
	45	November 11, 2010	49562	10.28	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>		NA.	NA NA	NA NA	NA
	46	November 15, 2010	49563	12.34		T	<del> </del>	<del> </del>		NA NA	NA NA	NA NA	NA NA
1	47	November 15, 2010	49564	12.39	1	<u> </u>	<del> </del>			NA	NA	NA	NA NA
	48	November 17, 2010	49565	11.98			1			NA	NA	NA NA	NA
]	49	November 17, 2010	49566	10.79						NA	NA	NA _	NA
Ŋ.	50	December 1, 2010	49567	16.55		T T	Ţ			NA	NA	NA	NA
	51	December 2, 2010	49568	15.55				T		NA	NA	NA	NA
1	52	December 9, 2010	49569	6.46			1			NA	NA	NA _	NA
1	53	December 10, 2010	49570	8.22						NA	NA	NA _	NA
	54	December 14, 2010	FCIU 894056-8				21.82			NA	NA	NA	NA
			TOTAL TONS	300.96	0	18.52	21.82	I					
									<del></del>				

#### Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

													h 1
1	55	January 6, 2011	49571	15.29						NA NA	NA NA	NA NA	NA NA
	56	January 7, 2011	CAFU 802051-4				21.96			NA.	NA	NA NA	NA
1st	57	January 10, 2011	CAIU 800920-1				21.72			NA	NA NA	NA	NA
Quarter	58	January 12, 2011	DFSU 620017-0				21.53			NA	NA	NA	NA
2011	59	January 13, 2011	49572	9.79	h					NA	NA	NA	NA
i I	60	January 17, 2011	CAIU 851224-2				21.12			NA	NA	NA	NA
	61	January 17, 2011	49573	9.09						NA	NA	NA NA	NA
	62	January 19, 2011	49574					14.56		NA	NA	NA NA	NA
	63	February 17, 2011	49575						8.74	NA	NA	NA	NA
L			TOTAL TONS	34.17	0.00	0.00	86.33	14.56	8.74	l	1	<u> </u>	
	64	April 11, 2011	NA									Α	
2nd	65	April 11, 2011	47175					·		23.44 (B)			
Quarter	66	April 11, 2011	47176							24.11 (B)			
2011	67	April 11, 2011	47177							20.09 (B)			
	68	May 4, 2011	49576								13.08 ( C)		
	69	May 11, 2011	49577								17.88 ( C)		
l	70	June 15, 2011	NA NA									D	<u> </u>
			TOTAL TONS	0.00	0.00	0.00	0.00	0.00	0.00	67.74	30.96	0.00	0.00
						<u> </u>	<u> </u>		[		1	Misc, tank	
11	i i			i		Tons of	ĺ	[	Misc.	ĺ	Misc,	and	í 1
1 1				·		Aluminum	ļ	Motors	Copper	Pot Slag	Motors and	clarifier	l i
j 1			[			Metal Sold	Stainless:	Sold to	Sold to	Ladles	Crane Parts	sold to	
			'	Iron and		to Wallach	Steel Sold	Interco	Wallach	sold to	Sold to	Tank	1 1
				Steel Sold to	Alton	Trading	to Hi-Light	Trading	Trading	Harsco	Casey	Trailer	Didion
	Number of		Bill of Lading	Grossman	Materials		International		Company	Metals	Equipment	Cleaning	Company
	Shipments	Date of Shipment	Number	Steel (2)	(2)	(2)	(2)	(2)	(2)	(3) B	(3) C	(3)	. (2)
	71	August 1, 2011	49590	13.9									
	72	August 1, 2011	49591	10.04									
	73	August 5, 2011	49592	15.12									
l 1	74	August 9, 2011	49593	11.64									
	75	August 12, 2011	HDMU 644809-9				19.20						
	76	August 16, 2011	TCNU 740060-0				19.29			_			
1 1	77	August 19, 2011	49594	16.35			ļ						
1	78	August 19, 2011	49595	13.48					L				L
	79	August 25, 2011	HDMU 633298-2		_		19.36						
	80	August 30, 2011	TNCU 860015-7			_	19.55						
	81	August 30, 2011	49596	14.23				L	<u> </u>	ļ	ļ		
1 1	82	August 30, 2011	49597	6.61				<b></b>	ļ	L			
1 1	83	September 9, 2011	49598	9.36							ļ		L
[	84	September 9, 2011	49599	7.08		ļ	ļ	<b></b>	ļ. —	<u> </u>			$\vdash$
1	85	September 9, 2011	49600	5.54									
	86 87	September 13, 2011	49601	5,63						ļ			
	88	September 13, 2011	49602 49603	7.29 13.92						<b></b>			
	89	September 15, 2011	49603	13.58		<u> </u>		-		ļ			<u> </u>
214	90	September 15, 2011 September 16, 2011	49604	11.88			ļ		<u> </u>	<del></del>			
3rd Quarter	91	September 16, 2011 September 16, 2011	49606	12.12	<u> </u>			<u> </u>	· · · · · · · · · · · · · · · · · · ·	<del> </del>		<del></del>	<b>  </b>
2011	92	September 19, 2011	49607	12.12		<del> </del>			<del></del> -	<del> </del>	<u> </u>		<del>  </del>
2011	93	September 19, 2011	49609	10.36						<del> </del>			<del>  </del>
) I	94	September 19, 2011	49610	13.75						<u> </u>	-		<del> </del>
( I	95	September 19, 2011	49611	11.56			<del> </del>			<del>                                     </del>			
	96	September 19, 2011	49612	11.54		· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del>                                     </del>	<del></del>	<del></del>	1		
l l	97	September 20, 2011	49613	10.76	·	<del> </del>	<b></b>		<del></del>	<del>                                     </del>		L	┝──┤
<b>!</b>	98	September 20, 2011	49614	11.73	<del></del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<b></b>			<del></del>	<del>  </del>
	99	September 20, 2011	49615	9.78	<del></del>	<del> </del>	<del> </del>	<b></b>	<del>                                     </del>				<del>                                     </del>
<b> </b>	100	September 20, 2011	49616	12.84		<b> </b>	<del> </del>	<del>                                     </del>		<del> </del>			<del> </del>
	101	September 21, 2011				<del>  _</del>	19.63			<u></u> -	<del> </del>		<del></del>
	102	September 23, 2011	49617	13.12	-	<del>-</del>	15.05	<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<u> </u>	<del></del>
	103	September 23, 2011	49618	10.63	}	<b> </b>	<del>                                     </del>	<u> </u>	<del></del>	<del>                                     </del>	<del>                                     </del>	<del></del>	$\vdash$
													. }
<u> </u>	104	September 23, 2011	49619	7.33									

## TABLE 4 Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

II.		07.004	10000	44.45									
- 1	105	September 27, 2011		11.45			<b></b>						
	106	September 27, 2011	49623	15.84					<del></del> -				
	107	September 27, 2011	49625	9.68									
	108	September 27, 2011	49626	15,16									
	109	September 27, 2011	49627	10.14									
	110	September 27, 2011	49628	9.04									[
	111	September 27, 2011	49629	13.80									
i i	112	September 27, 2011	49630	10.28			7						
3rd	113	September 27, 2011	49620		19.03								
Quarter	114	September 27, 2011	49621		16.71								
2011	115	September 27, 2011	49624		17.71								
2011	116	September 28, 2011	49631	12.77	17.71								
			49632	12.63									<del> </del>
	117	September 28, 2011						ļ					<del> </del>
	118	September 28, 2011	49633	10.96									<b> </b>
	119	September 28, 2011	49634	8.07									
	120	September 28, 2011	49635	13.06									
	121	September 29, 2011	49636	11.16									L
1	122	September 30, 2011	49637	13.47									
1	123	September 30, 2011	49638	15.78									
1	124	September 30, 2011	49639	13.30									
	125	September 30, 2011	49640	11.74				<u> </u>					
'	126	September 30, 2011		12.15	l		<del></del>	<u> </u>					
]	<del> </del>		TOTAL TONS	554.41	53,46	0.00	97.03	0.00	0.00	0.00	0.00	0.00	0.00
		<del></del>	1 TOTAL TONS	334.41	33,40	0.00	J1.03	0.00	<del>- 0.00</del>	0.00	0.00	Misc, tank	
		1 .		i	ł ·	Tons of	l :	Motors&	Misc.		Misc.	and	
1	l	`	1 .	}	<u>'</u>	Aluminum	1	Copper	Copper	Pot Slag	Motors and	clarifier	}
						Metal Sold	Stainless	Wire Sold	Sold to	Ladles	Crane Parts	sold to	
1 }	1	)	j ·	leas and	ĺ	1							
i I			· ·	fron and	A14	to Wallach	Steel Sold	to Interco	Wallach	sold to	Sold to	Tank	D
i i		Ì		Steel Sold to	Alton	Trading	to Hi-Light	Trading	Trading	Harsco	Casey	Trailer	Didion
1	Number of	l <u>.</u>	Bill of Lading	Grossman	Materials	Сотралу	International		Company	Metals	Equipment	Cleaning	Company
L	Shipments	Date of Shipment	Number	Steel (2)	(2)	(2)	(2)	(2)	(2)	(3) B	(3) C	(3)	(2)
	127	October 3, 2011	49642	9.69	T								
1	128	October 3, 2011	49643	12.53				i					
	129	October 3, 2011	49644	13.46									
i 1	130	October 3, 2011	49645	14.43				<del>                                     </del>					
i	131	October 3, 2011	49646	15.09									
]	132	October 3, 2011	HDMU 639381-7	15,05	<del> </del>		10.42	<del> </del>			ļ———		
	133				<del></del>	<b></b>	19.43	<b></b> -	ļ	<del></del> -			<b></b> -
		October 4, 2011	49647	12.18			ļ	<b></b>					
1	134	October 4, 2011	49648	8,56				ŀ					
1 1	135						<del></del>				l		
1		October 4, 2011	49649	6.65									
	136	October 4, 2011 October 4, 2011	49649 49650	6.65 5.2									
	136 137	October 4, 2011 October 4, 2011 October 4, 2011	49649 49650 49651	6.65 5.2 14.58									
	136 137 138	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011	49649 49650 49651 49652	6.65 5.2 14.58 13.72									
	136 137 138 139	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011	49649 49650 49651 49652 49653	6.65 5.2 14.58 13.72 12.5									
	136 137 138	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011	49649 49650 49651 49652 49653 49654	6.65 5.2 14.58 13.72 12.5 7.94									
	136 137 138 139	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011	49649 49650 49651 49652 49653 49654 49655	6.65 5.2 14.58 13.72 12.5									
	136 137 138 139 140	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654	6.65 5.2 14.58 13.72 12.5 7.94									
	136 137 138 139 140 141	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655	6.65 5.2 14.58 13.72 12.5 7.94 11.57									
	136 137 138 139 140 141 142	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 5, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655 49656	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05									
	136 137 138 139 140 141 142 143	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 5, 2011 October 5, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49657	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9									
4th	136 137 138 139 140 141 142 143 144 145	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49657 49658 49659	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8									
4th	136 137 138 139 140 141 142 143 144 145	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11									
Quarter	136 137 138 139 140 141 142 143 144 145 146	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660 49661	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06									
1 1	136 137 138 139 140 141 142 143 144 145 146 147	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660 49661 49661	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 7, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49658 49659 49660 49661 49662 49663	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49	,								
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 7, 2011 October 7, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660 49661 49662 49663 49663	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49	,								
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660 49661 49662 49663 49664 49664	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49669 49660 49661 49662 49663 49664 49664 49666	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6	,								
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 150 151 151	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011	49649 49650 49651 49653 49653 49654 49655 49656 49656 49659 49660 49661 49662 49663 49664 49664 49665 49666 49666	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6	,								
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49659 49660 49661 49662 49663 49664 49665 49666 49666 49667 49668	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 150 151 151	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011 October 10, 2011 October 10, 2011 October 10, 2011	49649 49650 49651 49653 49653 49654 49655 49656 49656 49659 49660 49661 49662 49663 49664 49664 49665 49666 49666	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49659 49660 49661 49662 49663 49664 49665 49666 49666 49667 49668	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011 October 10, 2011 October 10, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49659 49660 49661 49662 49663 49664 49665 49666 49666 49666 49666 49666	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96 11.85									
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49657 49658 49659 49660 49661 49663 49664 49664 49666 49667 49668 49669 49669 49670 49671	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96 11.85 13.73 14.28			10.54						
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 156	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49656 49660 49661 49662 49663 49664 49665 49666 49667 49668 49669 49667 49668 49669 49670 49671 HDMU 656609-1	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96 11.85 13.73 14.28			19.54						
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49659 49660 49661 49663 49664 49665 49666 49667 49668 49669 49667 49668 49669 49671 HDMU 656609-1	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96 11.85 13.73 14.28			19.54						
Quarter	136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 155 156	October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 4, 2011 October 5, 2011 October 7, 2011 October 10, 2011	49649 49650 49651 49652 49653 49654 49655 49656 49656 49656 49660 49661 49662 49663 49664 49665 49666 49667 49668 49669 49667 49668 49669 49670 49671 HDMU 656609-1	6.65 5.2 14.58 13.72 12.5 7.94 11.57 14.05 8.75 8.9 9.8 15.11 16.06 13.55 14.49 16.71 11.52 8.6 14.3 9.96 11.85 13.73 14.28			19.54						

### TABLE 4 Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

162         October 11, 2011         4967           163         October 11, 2011         4967           164         October 11, 2011         4967           165         October 11, 2011         4967           166         October 11, 2011         4967           167         October 12, 2011         4968           168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968	5 14.32 7 14.02 3 16.81								
164	7 14.02 3 16.81								
164	7 14.02 3 16.81							-	
165         October 11, 2011         4967           166         October 11, 2011         4967           167         October 12, 2011         4968           168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968	3 16.81				ļ				
166         October 11, 2011         4967           167         October 12, 2011         4968           168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968				1					
166         October 11, 2011         4967           167         October 12, 2011         4968           168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968								t	l l
167         October 12, 2011         4968           168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968		1 1							
168         October 12, 2011         4968           169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968		- <del> </del>		ļ				-	<del></del>
169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968	)   17	1						<u> </u>	
169         October 12, 2011         4968           170         October 12, 2011         4968           171         October 12, 2011         4968	14.88			1					
170 October 12, 2011 4968 171 October 12, 2011 4968		<del> </del>	_+	<del> </del>					
171 October 12, 2011 4968									
1	3 15.53	1 1	ŀ	1	} '				
1	4 6.48	1 1		<del> </del>					
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172 October 12, 2011 4968					L		<u> </u>	ļ	
173 October 12, 2011 4968	10.07	1 1		1	l		1	l	i l
174 October 12, 2011 4968	3 11.98	1		1				Î	
		<del></del>					<del></del>		
			<del></del>	<b></b>			<u></u>		
176 October 13, 2011 4969	13.04	I I		i				L	
177 October 13, 2011 4969	1 6.36								
178 October 13, 2011 4969		1 1		<del> </del>			<u> </u>		
		<del>                                     </del>		<u> </u>					
179 October 13, 2011 4969	3 13.4				1		L	L	L
180 October 13, 2011 4969	4 13.3			l				1	
181 October 14, 2011 4969		1 1					i ·	i	<del></del>
		<del> </del>		<del>                                     </del>	<del>                                     </del>		ļ	<del></del>	<del></del>
182 October 14, 2011 4969				Ţ			<u></u>		
183 October 14, 2011 4969	7 11,11	1	1	I	4.00		1	ŀ	1
4th 184 October 14, 2011 4969		7			· · · · · · · · · · · · · · · · · · ·		T	ľ	
		+ +		<del> </del>	<del></del>		<del> </del>	<b>—</b>	$\vdash$
uarter 185 October 14, 2011 4969		<del>-1</del>		<u> </u>		ļ	L	<u> </u>	i
2011 186 October 17, 2011 4970	10.7		_	1.	l :		l		
187 October 17, 2011 4970	1 10.81			1			i		
		<del>-   </del>		<u> </u>					<u> </u>
		<del>                                     </del>		<del> </del>			ļ		ļ
189 October 17, 2011 4970	9.43	i !	1			'	1		1. 1
190 October 17, 2011 4970	10,93	7		1					
191 October 18, 2011 4970		- <del> </del>		<b>†</b>					<u> </u>
		+							
192 October 18, 2011 4970				l					
193 October 18, 2011 4970	8.89	1					l		
194 October 18, 2011 4970		<del>                                     </del>		1					
		<del></del>			<b> </b>		<u> </u>		
195 October 18, 2011 4971	12.26		_		l		l	l	
196 October 19, 2011 4971	9.05			J					
197 October 19, 2011 4971		1			<del></del>				
		<del>                                     </del>					ļ		
198 October 19, 2011 4971									
199 October 19, 2011 4971	4 14.26	1		Í					
200 October 19, 2011 4971	5 15.36			1					
		+ +		<del> </del>	<b></b>		<del></del>		
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202 October 19, 2011 4971	7 11.07			ľ		ľ			
203 October 20, 2011 4971	3 10.68			Ĭ .					
204 October 20, 2011 4971		1 1	_		<b></b>	-			
		<del></del>	_	ļ					
205 October 20, 2011 4972				<u> </u>	L		L		
206 October 20, 2011 4972	1 12.55			I			l		
207 October 20, 2011 4972		1 1		<del>                                     </del>			· · · · · · · · · · · · · · · · · · ·		
		·   · · · · · · · · · · · · · · · · · ·		<del></del>	<b></b>				
208 October 20, 2011 4972				<b></b>					
209 October 20, 2011 4972	4 13.65		·	1					
210 October 20, 2011 4972		1 1	_	1					
		<del>-  </del>		1					<del></del>
211 October 24, 2011 4968				<del> </del>					2.23
212 October 25, 2011 4972	3 4.16	1	_ { .	1	1				<u>.                                    </u>
213 October 25, 2011 4972	7 10.38	1 1 1 1		T	T				
		+ +	_+	1	<del></del>				$\vdash$
				ļ					
215 October 25, 2011 4972	9 8.3661	1		L					
216 October 26, 2011 4973	16.21	1 1		1				"	
217 October 26, 2011 4973		1 1		f	f		·	<del></del>	<del></del>
1		++		<del>                                     </del>	ļ				<del></del>
218 October 26, 2011 4973									
219 October 26, 2011 4973	3 16.05								
220 October 26, 2011 4973					<b></b>				
		+ + -		<del>                                     </del>					<u> </u>
221 October 26, 2011 4973				I					
222 October 26, 2011 4973	6 14.63				1				
223 October 26, 2011 4973		<del></del>		1					
		+ +		7.04	<del></del>				
224 October 28, 2011 4973		+		7.61	<u> </u>				
225 October 31, 2011 4973	9.36	1		1	·				
226 October 31, 2011 4974				1	I				
		+ +	_+	<del>                                     </del>	<del> </del>	<b></b>		· · · · · · · · · · · · · · · · · · ·	<b>├</b>
227 October 31, 2011 4974	2 14.43	<u> </u>		ł	L			L	Ll

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## TABLE 4 Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

_		0 1-104 0044	407.42 T	0.61					<del></del>	<del></del>			r
╟	228	October 31, 2011	49743	9.61		<del></del>			<del> </del> -	<del> </del>	<del> </del>	<del></del>	1 06
-	229	October 31, 2011	49741	9.16		<del></del>	<del></del>		<del> </del>	<b> </b>	<del> </del>		100
1	230	November 1, 2011	49744	15.09	<u> </u>	<u> </u>				<del> </del>	<del> </del>		<del> </del>
-	231	November 1, 2011	49745								<del></del>		<del> </del>
1	232	November 1, 2011	49746	10.19			<b></b>	<del></del>	<del></del>	<del></del>	<del> </del>		<del></del> -
L	233	November 1, 2011	49747 49748	13.01 9.16					ļ	<del> </del>	<del></del>		<del></del>
1	234	November 1, 2011	49749						<u> </u>		<del> </del> -	<del> </del>	<del> </del>
-	235	November 1, 2011	49750	13.65 9.41					<b> </b> -	<del> </del>	<del> </del>	<b></b>	<del> </del>
-	236	November 1, 2011	49751	15.23					<b> </b>	<u> </u>	<b></b>	<b></b>	<del> </del>
╠	237	November 1, 2011	49752	7.6					ļ	<del> </del>	<del> </del>	<u> </u>	<del></del> -
∦	238	November 1, 2011		17.19		<b>-</b>			<del> </del>	<b></b>	<del> </del>	<u> </u>	<b></b>
-	239 240	November 2, 2011	49753 49754	8.52			L	<del></del>	L	<del> </del> -	<del></del>	<b> </b>	<del></del>
∦		November 2, 2011	49755	16.17		<del></del>			<del> </del>	<b>├</b> ──	<del></del>		<del></del>
╟	241	November 2, 2011	49756	13.72					f	<del> </del>	<del></del>	<b></b> _	<del></del>
∦	242	November 2, 2011	49758	11.92			<del></del>		<b></b>	<del></del>	<del></del>		<del></del>
-	243 244	November 2, 2011 November 2, 2011	49759	9.09					<b></b>			<del></del>	<del></del>
╟	245	November 2, 2011	49760	10.66		ļ			<del> </del>	<del> </del> -	<del></del>	<u> </u>	<del></del> -
			49757	13.82	<b></b>				<del> </del>		<del> </del>		
er (	246 247	November 2, 2011 November 4, 2011	49761	12.2	<del></del>			<del> </del>	<del> </del>	<del></del>	<del></del>	<del></del>	<del></del>
╟	248	November 4, 2011	49762	10.98	<del> </del>	<del></del>			<del> </del>	<del> </del>	<del> </del>	<del></del>	h
╟	249	November 4, 2011	49763	10.59	<del> </del>		<del></del>	ļ	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>
╟	250	November 4, 2011	49764	10.68		<del></del>	<b></b>	<del> </del>		<del> </del>	<del> </del>	<del></del>	t
╟	251	November 4, 2011	49765	8.56		<del> </del> -	·	<del></del>	<del></del>	<del></del>	<del></del>	<del> </del>	<del></del>
╟	252	November 4, 2011	49766	10.75		<del> </del>		<u> </u>	<del> </del> -	<del> </del>	<del> </del>	<del> </del> -	<del> </del>
╟	253	November 4, 2011	49767	8.75		<u> </u>		<del></del>	<del> </del>	<del></del>	<del> </del>	<del></del>	<u> </u>
1	254	November 4, 2011	49768	11			ļ			·	<del> </del>		
ŀ	255	November 7, 2011	49769	8.02					<del> </del>	<del> </del>	<del></del>		
╟	256	November 7, 2011	49770	12.43				<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del></del>	· ·
1	257	November 7, 2011	49771	11,19	· · · · · ·				<del></del>	<del></del>	<del></del>		
1	258	November 7, 2011	49772	10.58							<del></del>		<u> </u>
ľ	259	November 10, 2011	49773	12.37					<del></del>				
ì	260	November 10, 2011	49774	14.81									
	261	November 10, 2011	49775	7.4									
ľ	262	November 10, 2011	49776	12.7									
	263	November 10, 2011	49777	10.08									
li	264	November 11, 2011	49778	13.39									
	265	November 14, 2011	49779	12.09						· · · ·			
ı	266	November 14, 2011	49780	11.83									
	267	November 14, 2011	49781	10.97									
- 1	268	November 14, 2011	49782	14.55									
	269	November 15, 2011	49783	10.46									
- 1	270	November 15, 2011	49784	9.35		-			1				
	271	November 15, 2011	49785	12 26	<u> </u>		L				L		
1	272	November 15, 2011	49786	10.88	<u> </u>								
	273	November 15, 2011	49787	9.53	<u> </u>								
-	274	November 16, 2011	49788	10.66	<u> </u>			L	<b></b> _	L			
-   -	275	November 17, 2011	49789	9.53						<u> </u>			ļl
J.	276	November 17, 2011	49790	14.18	<u> </u>	<b></b>		ļ	<u> </u>	<u> </u>	ļ <u>.</u>		ļ
-   -	277	November 17, 2011	49791 TCNII 734830 0	9.67	<del> </del>	<b></b>	10.55	<u> </u>	<u> </u>	ļ	ļ		├───
- (	278 279		TCNU 731820-0 49792	10,11	<del> </del>	<del></del>	19.55	<del></del>	ļ	<del> </del> -	<u></u>		<b> </b>
∦	280	November 29, 2011 November 29, 2011	49793	8.93	<del> </del>	<del> </del>		ļ	<del> </del>	<del> </del>	<u> </u>		
∦	281	November 29, 2011	49794	9.63	<del></del>	<del></del>	<del></del>	<del></del>	<del> </del> -	<del> </del> -	<del> </del>	<u> </u>	<del> </del>
∦	282	November 29, 2011	49795	4.64	<del> </del>	<del>                                     </del>	<b> </b>	<u> </u>	<del> </del>	<del> </del>	<del></del>	L	<del>  </del>
∦	283	December 5, 2011	49796	11.78	<del> </del>	<del> </del>	<del></del>	<del></del>	<del> </del>	<del> </del>	<u> </u>	<u> </u>	<del></del>
li	284	December 5, 2011	49797	9.81	<del>                                     </del>	<del>                                     </del>	<del></del>	<del></del>	<del> </del>	<del>                                     </del>	<del> </del>		<u> </u>
į.	285	December 5, 2011	49798	8.19		t		<del></del>	<del> </del>		<del></del>		<del> </del>
ŀ	286	December 5, 2011	49799	8.94	<u> </u>	<del>                                     </del>	<b> </b>		<del> </del> -	<del>                                     </del>	<del></del>		<u> </u>
l	287	December 5, 2011	49800	8.78	t	t	<del></del>		<del> </del> ~	<del></del>	<del></del>	<del></del>	
ŀ	288	December 6, 2011	49801	9.42			<u> </u>	<del></del> -	<del> </del>	<del> </del> -	<del></del>	<b></b>	<del> </del>
- }	289	December 6, 2011	49802	12.82	T	<del></del>		<del></del>	<del></del>	<del>                                     </del>	<del></del>		·
1	290	December 6, 2011	49803	9.13	<u> </u>	<del>                                     </del>	l		<del>                                     </del>	<del></del>	<del></del>		<u> </u>
ŀ	291	December 6, 2011	49804	8.19	t	t		<del></del>	t	<del></del>	<del></del>		
1	292	December 6, 2011	49805	10.24			<del> </del>		<del></del>	t	<del> </del>	<u> </u>	
4		•	لحستنسط		<del></del>	<del></del>	<del></del>			·	<del></del>	<b>L</b>	<b></b>

4th Quarter 2011

## Summary Of Historical Scrap Metal Shipments 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

<u> </u>	293	December 8, 2011	49807	6.86									L
11	294	December 8, 2011	49808	6.01								ļ	
li	295	December 8, 2011	49809	9.34							1		
ł	296	December 8, 2011	49811	8.73							i		
1	297	December 8, 2011	49810	7.95									
11	298	December 9, 2011	49812	7.68								i	
	299	December 9, 2011	49813	7.13	1	-							$\vdash$
H	300	December 9, 2011	49814	4.79							-	<del>                                     </del>	<del></del>
4th	301	December 9, 2011	49815	9.32	<del> </del>			-			<u> </u>		t
Quarter	302	December 9, 2011	49816	8.18							<del> </del>		
2011	303	December 12, 2011	49817	9.8							<del> </del> -	l	
2011	304	December 12, 2011	49818	10.96	-								
ll .	305		49819	12.28	ļ	-			-		<del> </del>	<del> </del>	<b>├</b>
1	306	December 12, 2011									ļ		ļi
ļ.		December 12, 2011	49820	8.85				<b></b>			ļ		
ll.	307	December 13, 2011	49821	7.28							ļ		
#	308	December 13, 2011	49822	9.94			, <u> </u>		<u> </u>			<b></b> _	
1	309	December 13, 2011	49823	9.78		ļ					ļ		ļ.:
l .	310	December 13, 2011	49824	9.16	ļ						ļ	<u> </u>	ļl
1	311	December 13, 2011	49825	9.36	ļ							<u> </u>	L]
1	312	December 13, 2011	49826	8.38									Li
1	313	December 14, 2011	49827	9.83	l.								
	314	December 14, 2011	49828	11.69									
Į.	315	December 14, 2011	49829	13.07									
	316	December 14, 2011	49830	11.8									
	317	December 15, 2011	49831	8.85									i
ļ	318	December 15, 2011	TCNU 865707-0			, .	19.54						
	319	December 15, 2011	HDMU 631996-0				19.54	<u> </u>			-		<del> </del>
1 .	320	December 23, 2011	49806				10.0	10.20	<del></del>				<del>  </del>
			49000			•		1 10.30				1	, 11
		December 23, 2011		<u> </u>	0.00	0.00	97 59	10.30	0.00	0.00	0.00	0.00	3 29
		December 23, 2011	TOTAL TONS	2,062.88	0.00	0.00	97.59	17.91	0.00	0.00	0.00	0.00	3.29
		December 23, 2011		<u> </u>	0.00	0.00	Tons of	17.91	0.00	0.00	0.00	0.00	3.29
		December 23, 2011		<u> </u>		0.00	Tons of Aluminum	<b>17.91</b> Copper	0.00	0.00	0.00	0.00	3.29
		December 23, 2011		2,062.88	Stainless	0.00	Tons of Aluminum Metal Sold	17.91 Copper Wire Sold	0.00	0.00	0.00	0.00	3.29
		December 23, 2011		2,062.88	Stainless Steel Sold		Tons of Aluminum Metal Sold to Wallach	Copper Wire Sold to Interco		0.00	0.00	0.00	3.29
		December 23, 2011	TOTAL TONS	2,062.88  Iron and Steel Sold to	Stainless Steel Sold to Hi-Light	Alton	Tons of Aluminum Metal Sold to Wallach Trading	Copper Wire Sold to Interco Trading	Didion	0.00	0.00	0.00	3.29
	Number of		TOTAL TONS  Bill of Lading	2,062.88  Iron and Steel Sold to Grossman	Stainless Steel Sold to Hi-Light Internation	Alton Materials	Tons of Aluminum Metal Sold to Wallach Trading Company	Copper Wire Sold to Interco Trading Company	Didion Company	0.00	0.00	0.00	3.29
		Date of Shipment	TOTAL TONS	2,062.88  Iron and Steel Sold to	Stainless Steel Sold to Hi-Light	Alton	Tons of Aluminum Metal Sold to Wallach Trading	Copper Wire Sold to Interco Trading	Didion	0.00	0.00	0.00	3.29
1st	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation al (2)	Alton Materials	Tons of Aluminum Metal Sold to Wallach Trading Company	Copper Wire Sold to Interco Trading Company	Didion Company	0.00	0.00	0.00	3,29
Quarter	Number of		Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation al (2)	Alton Materials	Tons of Aluminum Metal Sold to Wallach Trading Company	Copper Wire Sold to Interco Trading Company	Didion Company	0.00	0.00	0.00	3.29
11	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2	Stainless Steel Sold to Hi-Light Internation al (2)	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation al (2)	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company	Copper Wire Sold to Interco Trading Company	Didion Company	0.00	0.00	0.00	3.29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2	Stainless Steel Sold to Hi-Light Internation af (2)	Alton Materials (2) 0.00 Copper	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2	Stainless Steel Sold to Hi-Light Internation al (2)  TONS  Stainless	Alton Materials (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2	Stainless Steel Sold to Hi-Light Internation af (2)	Alton Materials (2) 0.00 Copper	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2	Stainless Steel Sold to Hi-Light Internation al (2)  TONS  Stainless	Alton Materials (2) 0.00 Copper Wire Sold to	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter	Number of	Date of Shipment	Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL	Stainless Steel Sold to Hi-Light Internation at (2)  012  TONS  Stainless Steel Sold	Alton Materials (2)  0.00  Copper Wire Sold to Interco	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter	Number of Shipments	Date of Shipment	Bill of Lading Number made during the	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to	Stainless Steel Sold to Hi-Light Internation al (2)  TONS  Stainless Steel Sold to Hi-Light	Alton Materials (2)  0.00  Copper Wire Sold to Interco Trading	Tons of Aluminum Metal Sold to Wallach Trading Company (2)	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29
Quarter	Number of Shipments  Number of Shipments	Date of Shipment  No Shipments were  Date of Shipment	Bill of Lading Number  made during the  Bill of Lading Number	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter	Number of Shipments  Number of Shipments  321	Date of Shipment  No Shipments were  Date of Shipment  April 19, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter 2012	Number of Shipments  Number of Shipments  321 322	Date of Shipment  No Shipments were  Date of Shipment April 19, 2012 May 2, 2012	Bill of Lading Number  Made during the Bill of Lading Number 49832 49833	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2:  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44 10.99	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter 2012	Number of Shipments  Number of Shipments  321  322  323	Date of Shipments were  Date of Shipment April 19, 2012 May 2, 2012 May 15, 2012	Bill of Lading Number made during the Bill of Lading Number 49832 49833 49834	Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44 10.99 13.66	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29
Quarter 2012 2nd Quarter	Number of Shipments  Number of Shipments  321  322  323  324	Date of Shipments were  Date of Shipment April 19, 2012 May 2, 2012 May 15, 2012 May 17, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832 49833 49834 49835	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44  10.99  13.66  8.91	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29
Quarter 2012	Number of Shipments  Number of Shipments  321 322 323 324 325	Date of Shipment  No Shipments were  Date of Shipment April 19, 2012 May 2, 2012 May 17, 2012 May 17, 2012 May 29, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832 49833 49834 49835 49836	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44  10.99  13.66  8.91  10.00	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter 2012 2nd Quarter	Number of Shipments  Number of Shipments  321  322  323  324  325  326	Date of Shipment  No Shipments were  Date of Shipment  April 19, 2012  May 2, 2012  May 15, 2012  May 17, 2012  May 29, 2012  June 4, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832 49833 49834 49835 49836 49837	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44  10.99  13.66  8.91  10.00  16.47	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2) 0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter 2012 2nd Quarter	Number of Shipments  Number of Shipments  321 322 323 324 325	Date of Shipment  No Shipments were  Date of Shipment  April 19, 2012  May 2, 2012  May 17, 2012  May 17, 2012  May 29, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832 49833 49834 49835 49836 49837 49838	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44  10.99  13.66  8.91  10.00  16.47  12.24	Stainless Steel Sold to Hi-Light Internation ai (2)  O12  TONS  Stainless Steel Sold to Hi-Light Internation ai (2)	Alton Materials (2)  0.00 Copper Wire Sold to Interco Trading Company (2)	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3.29
Quarter 2012 2nd Quarter	Number of Shipments  Number of Shipments  321  322  323  324  325  326	Date of Shipment  No Shipments were  Date of Shipment  April 19, 2012  May 2, 2012  May 15, 2012  May 17, 2012  May 29, 2012  June 4, 2012	Bill of Lading Number  made during the  Bill of Lading Number  49832 49833 49834 49835 49836 49837	2,062.88  Iron and Steel Sold to Grossman Steel (2)  1st Quarter 2  TOTAL  Iron and Steel Sold to Grossman Steel (2)  7.44  10.99  13.66  8.91  10.00  16.47	Stainless Steel Sold to Hi-Light Internation ai (2)  012  TONS  Stainless Steel Sold to Hi-Light Internation	Alton Materials (2) 0.00 Copper Wire Sold to Interco Trading Company	Tons of Aluminum Metal Sold to Wallach Trading Company (2) 0.00	Copper Wire Sold to Interco Trading Company (2)	Didion Company (2)	0.00	0.00	0.00	3,29

#### **Summary Of Historical Scrap Metal Shipments** 3rd Quarter 2012 Progress Report Estate Of Chemetco Hartford, Illinois

							Tons of Aluminum	Copper	
	i I				Stainless		Metal Sold		
				Iron and	Steel Sold		to Wallach	to interco	}
				Steel Sold to	to Hi-Light	Alton	Trading	Trading	Didion
1	Number of		Bill of Lading	Grossman	Internation	Materials	Company	Company	Company
	Shipments	Date of Shipment	Number	Steel (2)	al (2)	(2)	(2)	(2)	(2)
3rd Quarter 2012		No Shipments were	made during the	3rd Quarter 2	012				
				TOTAL	TONS	0.00	0.00	0.00	0.00

Note:

(1) Short Ton = 2000 lb

(2) Gross Ton = 2240 lb

(2) Gross Ton = 2240 lb

(3) = Material sold under the Scrap Metal Work Plan
A= Aboveground Steel-Sand Storage Tank
B=Pot Slag Ladles (total of 3 ladles)
C= Crane equipment parts, electric motors, electric cabinets, resistor breakes, Crane Block parts
D= Two steel clarifier tanks
(A, B, C, D) Steel Material sold as bulk and not as tonnage cost

NA = Not Applicable

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 30 of 32

### **APPENDIXC**

Hazardous and Non-hazardous Waste Disposals

	Number of		Container		picked up				Disposal	·
	Shipments	Description	Size	Bin#	date	Waste Hauler	ibs	tons	Facility	Manifest #
2nd		Miscellaneous Demolition				Mid-West Services			Heritage	
Quarter	ļļ	Debris, Bag filters, Sludge,	40 Yard Bin,			and Heritage			Environmental,	
2012	1	Metal, PPE	RCRA	40173	5/31/2012	Environmental	30,100	15.05	Indianapolis, IN.	000459016WAS

	ll .	mber of pments	Description	Container Size	:Bin#	picked up date	Waste Hauler	lbs	Tons or Gals, (est)	Disposal Facility	Manifest #
		1	Misc. Unused feedstock, fines material, empty crushed drums	20 Yard Bin, RCRA	20528	7/11/2012	Mid-West Services and EQ	21,920	10.96	EQ Detroit Detroit, Michigan	000459014WAS
3rd		2	Misc. Unused feedstock, fines material, empty crushed drums	20 Yard Bin, RCRA	20886	7/11/2012	Mid-West Services	26,580	13.29	EQ Detroit Detroit, Michigan	000459013WAS
Quarter		3	Contaminated water and some sludge with NaOH Contaminated water and	Vacuum Truck Vacuum	NA	8/15/2012	Illini Environmental	39,160	4675 gals	Enirite of Illinois Harvey, IL Enirite of Illinois	010079793JJK
2012		5	some sludge with NaOH Contaminated water and some sludge with NaOH	Truck Vacuum Truck	NA NA		Illini Environmental	22,460 21,100	2700 gals	Harvey, IL Enirite of Illinois	010079796JJK 010079793JJK
			Contaminated soil	3- supesacks	NA NA		EQ Industries	2,465	1.23	EQ Detroit Detroit, Michigan	009028029JJK
		7	Broken Lightbulbs	1- plastic pail	NA	9/27/2012	Heritage Transport Inc	3		Heritage Environmental, Indianapolis, IN.	000473501WAS

	Number of		Container		picked up			<del></del>		
1	Shipments	Description	Size	Bin #	date	Waste Hauler	lbs :	tons	Disposal Facility	Manifest #
3rd		······································								
Quarter		No Shipments were made	de during the	3rd Qtr 2010						l l
2010	Ĺ <u></u>									

	Number of		Container		picked up				T	
	Shipments	Description	Size	Bin#	date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
		Miscellaneous Construction/Demolition				Mid-West Services and	<del></del>		Heritage Environmental,	
}	1	Debris	40 Yard Bin	4029	11/10/2010	Heritage Environmental	16,707	8.35	Indianapolis, IN.	000362943WAS
		Miscellaneous Construction/Demolition				Mid-West Services and			Heritage Environmental,	,
ļ	2	Debris	40 Yard Bin	4097	11/17/2010	Heritage Environmental	38,727	19.36	Indianapolis, IN.	000362944WAS
	3	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40006	12/7/2010	Mid-West Services and Heritage Environmental	12,187	6.09	Heritage Environmental, Indianapolis, IN.	000362945WAS
4th	4	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40130	1 .	Mid-West Services and Heritage Environmental	20,067	10.03	Heritage Environmental, Indianapolis, IN.	000362946WAS
Quarter	5	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4025		Mid-West Services and Heritage Environmental	17,987	8.99	Heritage Environmental, Indianapolis, IN.	, 000362947WAS
2010	6	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4090		Mid-West Services and Heritage Environmental	13,487	6.74	Heritage Environmental, Indianapolis, IN.	000362948WAS
	7	Miscellaneous Construction/Demolition Debris	40 Yard Bin	4039		Mid-West Services and Heritage Environmental	15,607	7.80	Heritage Environmental, Indianapolis, IN.	000362949WAS
	8	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40104	1	Mid-West Services and Heritage Environmental	10,107	5.05	Heritage Environmental, Indianapolis, IN.	000362950WAS
	9	Miscellaneous Construction/Demolition Debris	40 Yard Bin	40124	1	Mid-West Services and Heritage Environmental	26,667	13.33	Heritage Environmental, Indianapolis, IN.	000362955WAS
·		Miscellaneous Construction/Demolition				Mid-West Services and			Heritage Environmental, Indianapolis, IN.	
	10	Debris	40 Yard Bin	40120		Heritage Environmental	23,227 194,770	11.61 97.39	mulanapons, IN.	000362958WAS

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
	1	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20381		Mid-West Services and Heritage Environmental	35,720	17.86	Heritage Environmental, Indianapolis, IN.	000362951WAS
4th	2	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20213	1	Mid-West Services and Heritage Environmental	37,940	18.97	Heritage Environmental, Indianapolis, IN.	000362952WAS
Quarter	3	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20559		Mid-West Services and Heritage Environmental	40,420	20.21	Heritage Environmental, Indianapolis, IN.	000362954WAS
2010	4	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20484		Mid-West Services and Heritage Environmental	35,980	17.99	Heritage Environmental, Indianapolis, IN.	000362953WAS
	5	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20458	i	Mid-West Services and Heritage Environmental	34,880	17.44	Heritage Environmental, Indianapolis, IN.	000362956WAS
	6	Concrete and misc debris screened out from fines in Fines Building	20 Yard Bin	20384		Mid-West Services and Heritage Environmental	27,980	13.99	Heritage Environmental, Indianapolis, IN.	000362957WAS
	·· <del>- 70. · · · · · ·</del>		<del></del>	-		TOTAL	212,920	106.46		

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
		Decon Water, sludge						T	EQ Michigan Disposal	1
		from Cupro Decon	l i		1	Tri State Motor on		i	Waste Treatment	
	1	activities	55 Gal Drum	NA	10/27/2010	EMA's behalf	220	0.110	Bellville, Mi	003957277FLE
									EQ Michigan Disposal	
		Misc debris, decon pad,	1			Tri State Motor on			Waste Treatment	
4th	2	from Cupro Shipments	55 Gal Drum	NA	10/27/2010	EMA's behalf	75	0.038	Bellville, Mi	003957276FLE
		Decon Water, sludge							EQ Michigan Disposal	
		from Pot Slag Decon	1			Tri State Motor on			Waste Treatment	
Quarter	3	activities	55 Gal Drum	NA	12/15/2010	EMA's behalf	220	0.110	Bellville, Mi	003957332FLE
			1	_					EQ Michigan Disposal	
		Misc debris, decon pad,	1		ŀ	Tri State Motor on			Waste Treatment	
2010	4	from Pot Slag Shipments	55 Gal Drum	NA	12/15/2010	EMA's behalf	80	0.040	Bellville, Mi	003957331FLE
	<u>,</u>					Total Liquid	440	0.220		
						Total Solids	155	0.078	1	

	Number of Shipments	Description	No. Containers	Container Size	Bin #	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
		Misc corrosive acids, flammable liquids, petroleum distillates	17	Multiple overpacks, plastic and metal drums	NA	1/14/2011	Heritage Environmental	2,605	1.3025	Heritage Environmental, Liverpool, OH	000350627WAS
1Qtr 2011		Misc corrosive acids, flammable liquids, petroleum distillates	15	Multiple overpacks, plastic and metal drums	NA	1/14/2011	Heritage Environmental	3,826	1.913	Heritage Environmental, Indianapolis, IN.	000350631WAS
Ī		Blasting Sand used for deconning stainless steel	3	Super Sacks	NA	3/16/2011	Tri State Motor	4,500	2.250	EQ Michigan Disposal Waste Treatment Belleville, MI	0044214831FLE
		<u></u>	<del> </del>	<del></del>			Total Tons Total Pounds	 10,931	5.4655 		

	Number of		Container		picked up					
	Shipments	Description	Size	Bin#	date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd			<del></del>							7
Quarter		No Shipments were mad	de during the	2nd Qtr 2011						
2011										

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
3rd	II .	Misc debris, decon pad,		· · · · · · · · · · · · · · · · · · ·		T : 0: 1 M 1			EQ Michigan Disposal	
Quarter 2011		from Copper Furnace Solid Shipments	55 Gal Drum	NA	8/11/2011	Tri State Motor on EMA's behalf	380	0.190	Waste Treatment Belleville, MI	004761793FLE
						Total	380	0.190		

	Number of		Container		Onto Bioked					
	Shipments	Description	Size	Bin Number	Date Picked Up	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
	1	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4097	10/25/11	Mid-West Services and Heritage Environmental	18,360	9.18	Heritage Environmental, Indianapolis, IN.	000440784WAS
	2	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4088	11/9/11	Mid-West Services and Heritage Environmental	34,940	17.47	Heritage Environmental, Indianapolis, IN.	000440785WAS
	3	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40170	11/10/11	Mid-West Services and Heritage Environmental	33,140	16.57	Heritage Environmental, Indianapolis, IN.	, 000440786WAS
	4	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4029	11/11/11	Mid-West Services and Heritage Environmental	33,100	16.55	Heritage Environmental, Indianapolis, IN.	000440787WAS
4th Quarter 2011 .	5	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40130	11/14/11	Mid-West Services and Heritage Environmental	33,980	16.99	Heritage Environmental, Indianapolis, IN.	000440788WAS
	6	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40101	11/15/11	Mid-West Services and Heritage Environmental	32,516	16.26	Heritage Environmental, Indianapolis, IN	000440789WAS
	. 7	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	2066	11/16/11	Mid-West Services and Heritage Environmental	32,380	16.19	Heritage Environmental, Indianapolis, IN.	000440790WAS
	8	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	20300	11/17/11	Mid-West Services and Heritage Environmental	32,480	16.24	Heritage Environmental, Indianapolis, IN.	000440791WAS
	9	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40124	11/17/11	Mid-West Services and Heritage Environmental	27,980	13.99	Heritage Environmental, Indianapolis, IN.	000440792WAS
	10	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	4042	11/17/11	Mid-West Services and Heritage Environmental	25,100	12.55	Heritage Environmental, Indianapolis, IN.	000440793WAS
	11	Miscellaneous Construction/Demolition Debris	40 Yard Bin, RCRA	40109	12/12/11	Mid-West Services and Heritage Environmental	32,360	16.18	Heritage Environmental, Indianapolis, IN.	000440794WAS
	12	Miscellaneous Debris, supersacks, wood pallets, PPE	40 Yard Bin, RCRA	40172	11/11/11	Mid-West Services and Heritage Environmental	13,860	6.93	Heritage Environmental, Indianapolis, IN.	000372829WAS
	·		<del></del>			Total Tons Total Pounds	 350,196	175.10 —		1

			T		<del>r</del>	<del></del>	<del></del>	<u> </u>		<del></del>
	N				Data Biata d					
	Number of Shipments		Container	Bin Number	Date Picked				Bio	
	Shipments	Description	Size	Bill lantines	<u>Up</u>	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
	1	Miscellaneous Demolition	40 Yard Bin.	}	}	Mid-West Services and			Heritage Environmental	}
	1	Debris, Metal, Wood	RCRA	40006	1/13/2012	Heritage Environmental	26,760	13.38	Indianapolis, IN.	000461802WAS
)}	· · · · · · · · · · · · · · · · · · ·	Miscellaneous Demolition	1.0	10000	17.10/2012	rionage amijorimentar	20,700	10:00	malanepone, m.	555 15 15 52 11 16
1 1		Debris, Bag filters, PPE,	40 Yard Bin,	ļ		Mid-West Services and			Heritage Environmental,	, ,
# 1	2	Sludge, Metal	RCRA	4025	1/13/2012	Heritage Environmental	19,780	9.89	Indianapolis, IN.	000461803WAS
<u> </u>		Miscellaneous Demolition								
i I		Debris, Słudge, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
} {	. 3	Cardboard, Wood, Metal	RCRA	40118	1/27/2012	Heritage Environmental	27,580	13.79	Indianapolis, IN.	000461806WAS
į Į		Miscellaneous Demolition		ļ						ļ
)) i		Debris, Sludge, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
[	4	Cardboard, Wood	RCRA	4039	1/27/2012	Heritage Environmental	32,620	16.31	Indianapolis, IN.	000461804WAS
		Miscellaneous Demolition Debris, Sludge, PPE,	40 Yard Bin.	1		Mid-West Services and			Heritage Environmental,	
	5	Wood, Metal	RCRA	40108	1/30/2012	Heritage Environmental	33,240	16 62	Indianapolis, IN.	000461807WAS
l I	f	Miscellaneous Demolition	KCKA	40700	1/50/2012	rientage Enviolinental	33,240	10 02	moianapons, m.	0007010074483
		Debris, Sludge, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
i l	6	Cardboard, Wood, Metal	RCRA	4074	1/30/2012	Heritage Environmental	37,500	18.75	Indianapolis, IN.	000461808WAS
) [	·	Miscellaneous Demolition	<del></del>							
1st Otr		Debris, filter bags,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
2012	7	cardboard	RCRA	40137	1/30/2012	Heritage Environmental	26,460	13.23	Indianapolis, IN.	000461809WAS
((		Miscellaneous Demolition	[							
11 11		Debris, Concrete, Metal,	20 Yard Bin,			Mid-West Services and			Heritage Environmental,	
ii I	8	Plastic	RCRA	20463	1/30/2012	Heritage Environmental	34,440	17.22	Indianapolis, IN.	000461810WAS
		Miscellaneous	40.7/			Mid Mach Co. 1			Marita da Provincia de la casa de	
)) }	9	Construction/Demolition	40 Yard Bin, RCRA	40173	0/40/0040	Mid-West Services and Heritage Environmental	47,780	02.00	Heritage Environmental,	000461811WAS (1)
	9	Debris, PPE, filter bags, Miscellaneous Demolition	RCRA	40173	2/10/2012	mentage Environmental	47,700	23.89	Indianapolis, IN.	000401011WAS (1)
		Debris, Sludge, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
ll 1	9	Cardboard, Wood, Metal	RCRA	40173	2/20/2012	Heritage Environmental	32,560	16.28	Indianapolis, IN.	000461812WAS
		Miscellaneous Demolition			2.20/20 12	, romage ammonitronal	02,000	10.20		000 10 10 12 17 10
ļ		Debris, Caustic, Sludge,	20 Yard Bin,			Mid-West Services and	į		Heritage Environmental,	
ļ	10	Metal	RCRA	20854	2/22/2012	Heritage Environmental	30,720	15 36	Indianapolis, IN.	000461813WAS
1 1		Miscellaneous Demolition								
l i		Debris, Sludge, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
į į	11	Cardboard, Wood, Metal	RCRA	40124	2/22/2012	Heritage Environmental	29,800	14.90	Indianapolis, IN.	000461814WAS
			40.45 (			111111111111111111111111111111111111111				l
		Miscellaneous Demolition	40 Yard Bin,	40.40	0.07.004	Mid-West Services and	24222		Heritage Environmental,	00040400444
}	12	Debris, PPE,	RCRA	4042	2/27/2012	Heritage Environmental	34,680	17.34	Indianapolis, IN.	000461821WAS
J I		Miscellaneous Demolition Debris, PPE, Sludge, Metal,	40 Yard Bin,			Mid-West Services and	[	İ	Heritage Environmental,	
	13	Plastic	RCRA	40130	2/27/2012	Heritage Environmental	34,680	17.34	Indianapolis, IN.	000461815WAS
Į	13	Miscellaneous Demolition	NORM	40130	212112012	richage Environmental	34,000	17.34	ппанарона, ич.	0007010104473
	ĺ	Debris, Bag filters, PPE,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
1 1	14	Sludge, Metal, Plastic	RCRA	4088	2/28/2012	Heritage Environmental	32,260	16.13	Indianapolis, IN.	000461820WAS
J		Miscellaneous Demolition	.,,,,,,,							
}		Debris, Bag filters, Sludge,	40 Yard Bin,			Mid-West Services and		ļ	Heritage Environmental,	} , }
}	15	Metal, PPE	RCRA	40172	2/29/2012	Heritage Environmental	24,540	12.27	Indianapolis, IN.	000461816WAS

					TOTAL	Pounds	619,900			•
						Tons		309.95		
	19	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, PPE	40 Yard Bin, RCRA	40171	3/1/2012	Mid-West Services and Heritage Environmental	30,140	15.07	Heritage Environmental, Indianapolis, IN.	000461818WAS
	18	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, Plastic	40 Yard Bin, RCRA	4025	3/2/2012	Mid-West Services and Heritage Environmental	21,060	10.53	Heritage Environmental, Indianapolis, IN.	003552011FLE
	17	Miscellaneous Demolition Debris, Bag filters, PPE, Sludge, Metal, Plastic	40 Yard Bin, RCRA	40101	3/1/2012	Mid-West Services and Heritage Environmental	33,520	16.76	Heritage Environmental, Indianapolis, IN.	000461817WAS
1st Qtr 2012	16	Miscellaneous Demolition Debris, Bag filters, Sludge, Metal, PPE	40 Yard Bin, RCRA	40170	3/1/2012	Mid-West Services and Heritage Environmental	29,780	14.89	Heritage Environmental, Indianapolis, IN.	000461819WAS

Note: (1) Container was brought back due to excess weight.
The container was disposed after removal of excess weight under new Manifest

	Number of		Container		picked up					
li li	Shipments	Description	Size	Bin #	date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd		Miscellaneous Demolition								
Quarter		Debris, Bag filters, Sludge,	40 Yard Bin,			Mid-West Services and			Heritage Environmental,	
2012	11	Metal, PPE	RCRA	40173	5/31/2012	Heritage Environmental	30,100	15.05	Indianapolis, IN.	000459016WAS

	Number of Shipments	Description	Container Size	Bin #	picked up date	Waste Hauler	lbs	Tons or Gals, (est)	Disposal Facility	Manifest #
	t e	Misc. Unused feedstock, fines material, empty crushed drums	20 Yard Bin, RCRA	20528	7/11/2012	Mid-West Services and EQ	21,920	10.96	EQ Detroit Detroit, Michigan	000459014WAS
3rd		Misc. Unused feedstock, fines material, empty crushed drums	20 Yard Bin, RCRA	20886	7/11/2012	Mid-West Services and EQ	26,580	13.29	EQ Detroit Detroit, Michigan	000459013WAS
Quarter	3	Contaminated water and some sludge with NaOH	Vacuum Truck	NA	8/15/2012	Illini Environmental	39,160	4675 gals	Enirite of Illinois Harvey,	010079793JJK
2012		Contaminated water and some sludge with NaOH	Vacuum Truck	NA	8/16/2012	Illini Environmental	22,460	2700 gals	Enirite of Illinois Harvey,	010079796JJK
	ſ	Contaminated water and some sludge with NaOH	Vacuum Truck	NA	8/20/2012	Illini Environmental	21,100	2050 gals	Enirite of Illinois Harvey,	0100797 <u>9</u> 3JJK
	66	Contaminated soil	3- supesacks	NA	9/20/2012	EQ Industries	2,465	1.23	EQ Detroit Detroit, Michigan	009028029JJK

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Plea	se prin	t or type. (Form design			r.)		شامل باست در در باینجان که هستند منطوع باز مند				n Approved.	OMB No. 2	2050-003
1	WA	STE MANIFEST	1. Generator ID Num 【五D O 45時			1	Emergency Respons (636)346	-0413	4. Manifest	00	umber 10459(	)16WA	S
H	5. Gen	erator's Name and Mailin	g Address			Ğe	nerator's Site Address HEMETCO, 754 CHEME	(if different th	nan mailing addres	is)			
Ш	- un 37	ienetco, 140 54 Chemetc	Õ LN	•		,	754 CHEME	TCO L	á				
	HA	ARTFORD, IL	62048-29	56		F	ARTFORD, EN: 11857	IL 620	748-2956				
	Gener	ator's Phone:	18)254-43	81		0	EN: 11857	4					
		sporter 1 Company Nam	e ·						U.S. EPA ID N	lumber			
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Н	_	sporter 2 Company Nam							U.S. EPA ID N	lumber		**	
		Herdoup	Tran	Sport					1 - 707	nc 81	(94)14		
Ш	8. Des	ignated Facility Name an	d Site Address	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<del></del>	-		·	U.S. EPAID N		, 0 . 1 .		
Ш		ERITAGE ENV		L SERVICES									
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Н	9a.	9b. U.S. DOT Description and Packing Group (if a		Shipping Name, Hazard	Class, ID Number,		10. Conta	iners	11. Total	12. Unit	13.1	Naste Codes	
П	НМ_						No.	Туре	Quantity	Wt./Vol.			
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Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 4. Manifest Tracking Number 73500WAS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone UNIFORM HAZARDOUS ILD048843809 WASTE MANIFEST į (636)346-0413 Generator's Site Address (if different than mailing address)
UHEMETOU INC.
3754 CHEMETOU LN Generator's Name and Mailing Address EHERE 100, 130. 3754 CHEMETCO LN HARTFORD, IL 62048-2956 (618)254-4281 HARTFORD, IL 62048-2956 GEN: 118574 6. Transporter 1 Company Name U.S. EPA ID Number HERITAGE TRANSPORT, ELC-TS WOODRIVER IND058484114 U.S. EPA ID Number 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address
UM LAMPTRACKER INC
109 TWENTY NINE CT U.S. EPA ID Number WILLIAMSTON, SC 29697 SCEULAT Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a. 13. Waste Codes and Packing Group (if any)) Quantity НМ No. Wt./Vol. Туре NON-DOT UNIVERSAL WASTE- LAMPS (4' Laps 24 13 14. Special Handling Instructions and Additional Information 1.W 48 GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. 1 certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name 10×90 タマア () と Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Туре Residue Partial Rejection \_\_ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name 10 1.53

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE 1	HESLDR1
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### LAND DISPOSAL RESTRICTIONS (LDR) NOTICE AND CERTIFICATION

Page \_\_\_\_ of \_\_\_

Generator Name: Chametro	EPA I.D. No.: <u>ILD0485:13809</u>
Manifest Tracking No.: OCOLTESOL WAS	Waste Stream Number:

(1) Manifest Page/Line Item	(2) Hazardous Waste Codes <sup>A</sup>	(3) Wastewater Or Non Wastewater (Circle One) <sup>B</sup>	(4) Subcategory (if applicable) <sup>c</sup>	See HESLDR3	(5) Constituents Reference (Identify Chemicals, Enter "NONE" or "NA") <sup>0</sup>	(6) Applicable Certification (One per line) <sup>E</sup>
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- A Multiple waste codes allowed on a single line if the same information in Columns 3 through 6 applies to the waste code set. To list additional waste codes complete a Heritage LDR Continuation Form (HESLDR2). Review the Heritage Supplemental F001-F005 Spent Solvent/Underlying Hazardous Constituent/F039 Leachate Form (HESLDR3) and enter numeric constituent reference if one or more applicable waste codes are F001, F002, F003, F004, F005, F039, or D001-D043 or if you choose to use HESLDR3, please place an "X" in the Box.
- B Circle either "WW" Wastewater or "NWW" Non-Wastewater based on the waste that is being shipped.
- Enter the Subcategory(ies) applicable to the waste code (See Instructions for Table of Subcategories or 40 CFR 268.40). A numerical entry from the Table of Subcategories in the Instructions is acceptable. Leave blank or enter "NA" if there is not a Subcategory.
- Enter "NA" for all Hazard Codes other than D001-D043, F001-F005, and F039, Contaminated Soil, Hazardous Debris, and Decharacterized Waste. For these codes or waste types, either enter the numerical chemical representation from the Heritage Supplemental F001-F005 Spent Solvent/Underlying Constituents/F039 Leachate Form (HESLDR3) or the chemical name(s). If you choose to use the form HESLDR3 please place an "X" in the Box in Column 5 and complete HESLDR3 by identifying constituents using the appropriate Manifest Page/Line Item. If there are no constituents requiring identification enter "NONE" in Column 5
- Choose from certifications at bottom of HESLDR1 and enter number. Supplemental certifications may be required and are provided on form HESLDR4 in the instructions. Enter only one Certification Number per line.

See Instructions for Additional Information

If you have a decharacterized waste, contaminated soil, hazardous debris, lab packs managed by the Alternative Treatment Standard, a waste subject to an exemption, or operate a treatment facility please refer to certifications on HESLDR4 and enter the appropriate certification number. For Certifications (3) and (10a), HESLDR4 must accompany HESLDR1.

- (1) <u>Waste Does Not Meet Applicable Treatment Standards</u> This is a restricted waste that does not meet the applicable treatment standards set forth in Subpart D of 40 CFR Part 268.
- (2) Waste Meets Applicable Treatment Standards I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste-to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

I certify that the information provided on this and any additional pages (HESLDR2; HESLDR3, HESLDR4) of this LDR notification is true, accurate and complete.

Authorized Signature: Source During	Print or Type Name:	e Garcia
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	17. Transporter Acknowledgme	ent of Receipt of Materials			1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		
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SS	Transporter 2 Printed/Typed N	ame	Sig	nature		<del></del>		Month	Day	Year
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1	18. Discrepancy	<del></del>	<del></del>				<del></del> -			
1.	18a. Discrepancy Indication S	pace Ouggetts	Tunn	Residue	Γ	Partial Reject	······································		] [	
111		Quantity	L Туре	L Residue		Paniai Kejeci	uon	L	Full Rejec	lion
				Manifest Reference	Number:					- }
	18b. Alternate Facility (or Gen	erator)				U.S. EPA ID Nur	mber			
딡			$\mathcal{F}_{i}$ .							1
ΉĂ	Facility's Phone:			•	٠. ا		:		: •	
品	18c. Signature of Alternate Fa	cility (or Generator)	<del></del>	<del></del>				Month	Day	Year
¥			•		•			.}	İ	1
DESIGNATED FACILITY	19. Hazardous Waste Report	Management Method Codes (i.e., codes for h	azardous waste treatment, disposa	I, and recycling systems)					<del></del>	
	1. ////	2.	3.		<del></del>	4.			<del></del>	
Η,	1 ////				•	·.				
	20. Designated Facility Owne	r or Operator: Certification of receipt of hazard	lous materials covered by the mani	fest except as noted in Item	18a			and a section of the		
-11	Printed/Typed Name	1.60 / 2/		nature	Transfer of the same	The second secon	,	Month	Day	Year
∎I↓	1 flore	men Boy	All V	10-6			7		Va	[건진
ĒΡ	A Form 8700-22 (Rev. 3-05)	Previous editions are obsolete.		<u></u>	<del></del>	DESIG	NATED F	ACILITY T	O GENE	RATOR
•	·									

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		STE MANIFEST	Generator ID Numb	_		1	S00-43	ncy Response 24-9300	· 		007	9793	ĴĴ	K
A CONTRACTOR OF THE PARTY OF TH	Genera	erator's Name and Mailing A	CHEME 3754 CI	TCO ESTATE LEMETCO LANE DRD, IL 52048			Generator's	s Site Address	(if different th	an mailing addres	·			
	6. Tran	sporter 1 Company Name	ILINI.ENVR	ONMENTAL, IN	C				:	U.S. EPA ID N		.R00010798		
S P	7. Tran	sporter 2 Company Name								,U.S. EPA ID'N		( )		
and the second second		gnäted Facility Name and	EN 184 HAI	ARITE OF ILLINI 35 CENTER AVI RVEY, IL 60426	<b>T</b> .	7		123		U.S. EPA ID N		.0000565203	<u></u>	:
	9a.	9b. U.S. DOT Description and Packing Group (if an	(including Proper Sh	ipping Name, Hazard (	Class, ID Number,		<u> </u>	10. Contain		11. Total	12. Unit	13. Was	te Codes	
	HM.	grand and the contract of the		03 N.O.S. (SO	NORO MUIO	DXIDEN 8		No	Type	Quantity	WL/Vol.	D008 I	0002	D010
RATO		UN1824, PG II			A CONTRACT OF THE PARTY OF THE	in the second of		ر	ì	2050				
GENE		2.												
1. (A SEPTEMBER 1995) (A)		3.					. 2				3	- (Z		
		4.								All to bring a first of the man man man				
Contraction of the contraction o		Decial Handling Instructions  AFPROVAL# 1.	and Additional Inform	nation	3			<u>ئے</u>	-(2	1,100	( دطا	The second secon		
発生がいいている。	15. (	INVOICE ILLINI (CI GENERATOR'S/OFFEROR marked and labeled/placard	'S CERTIFICATION	I hereby déclare that	the contents of this	3 O - 1 2 s consignment cording to applic	are fully an	d accurately de ational and nat	scribed above	e by the proper sh cental regulations.	ipping name If export sh	, and are classifi pment and I am	ed, package the Primary	ed,
	المنتين	Exporter, I certify that the or I certify that the waste mininal rator's/Offeror's Printed/Typ	nization statement id			ge quantity gen			all quantity ge	nerator) is true.	a contracting	Month	Day	Year
		Jorge		rcle	· <del>*</del> :		Z	orge.	<u>La</u>	ma		5 A 4 G	20	12
INT		ternational Shipments Sporter signature (for export	Import to Us only):	l.S.	<u> </u>	Export from (	J. <b>8</b> .	Port of er Date leav						
RTER		ansporter Acknowledgment porter 1 Printed/Typed Nam		S		Sig	nature	A Section	6 * 3 a		<u> </u>	Month	Day	Year
TRANSPORTER	Trans	Porter 2 Printed/Typed Nan	9-1-ER	<i>F</i> -1 × 1	<u> </u>	Sig	nature /	ak lu	agun	• • (10) [m. 10] •	<u> </u>		<u>  20 </u> Day	/2 Year
TRA			7 : 1 - 1 - 1 - 1 - <del>- 1 - 1 - 1</del>	<u></u>					<u> </u>					
	****	iscrépancy Discrépancy Indication Spa	œ Quanti	y	Туре			Residue		Partial Rej	ection		Full Rejection	ion
<u>'</u>  ≟	18b. /	Alternate Facility (or General	itor)	<u> </u>	<del></del>		Mar	ifest Reference	e Number.	U.S. EPA IB		*		
DESIGNATED FACILITY	Facili	ty's Phone:						<u></u>		1		<del>- 1. 455.5</del>	<u> </u>	
SNATE	18C. S	Signature of Alternate Facili				<del></del>		·	· · ·	· · · · · · · · · · · · · · · · · · ·		Month	Day	Year
DESIC	19. H 1.	lazardous Waste Report Ma	inagement Method C	odes (i.e., codes for ha 2.	zardous waste trea	atment, disposa	u, and recy	ding systems)		4.	II carrie		<u>a - 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, </u>	
		Designated Facility Owner o	Operator: Certificati	on of receipt of hazard	ous maleñals cove			as noted in Ite	m 18a		rest feet			
		ed/Typed Name n 8700-22 (Rev. 3-05) F	10 F	STONY		Sig	nature /		24	ESIGNATE	94.4	Month	Day	Year /z



This certificate is to verify that the wastes specified on the following manifest numbers have been properly managed in accordance with all local, state and federal regulations.

Facility: EQ Illinois

16435 Center Avenue

Harvey, IL 60426-6078

Phone: 708-596-7040

Fax: 708-596-7045

Generator: CHEMETCO, INC. (ILD 048-843 809)

Manifest

010079793JJK

I certify that the above information is true and conject to the best of my knowledge.

Authorized Signature:

Srtype. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone 1. Generator ID Number UNIFORM HAZARDOUS 0100797 WASTE MANIFEST 1.0048843809 1 800-424-9300 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address CHEMETCO ESTATE 3754 CHEMETCO LANE HARTFORD, IL 62048 Generator's Phone: 513-254-4301 6. Transporter 1 Company Name U.S. EPA ID Number ILLINI ENVIRONMENTAL, INC. ILR000107086 7. Transporter 2 Company Name U.S. EPA ID Number 以的相称的动物和传 8 Designated Facility Name and Site Address U.S. EPA ID Number ENVIRITE OF ILLINOIS, INC. ILD000666206 16435 CENTER AVE. HARVEY, IL 60426-7040 Facility's Phone: 708-598-7040 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Quantity Wt. Nol. No. . Type × WASTE CORROSIVE LIQUIDS, N.O.S. (SODIUM HYDROXIDE), 8, Ot 0003 D002 D010 UN1824, PG II (ERG 154) 2700 14. Special Handling Instructions and Additional Information (22,464 1b) 16,23 tons INVOICE ILLINI (CHEMETCO ESTATE) 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name 16. International Shipments ort of entry/exit: Export from U.S. Import to U.S. Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Year 18. Discrepancy 18a. Discrepancy Indication Space Full Rejection Quantity Residue Partial Rejection Manifest Reference Number U.S. EPA ID Number 18b. Alternate Facility (or Generator) 'Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name KONANDE A Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

This certificate is to verify that the wastes specified on the following manifest numbers have been properly managed in accordance with all local, state and federal regulations.

Facility: EQ Illinois

16435 Center Avenue

Harvey, IL 60426-6078

Phone: 708-596-7040 Fax: 708-596-7045

Generator: CHEMETCO, INC. (ILD 048-843-809)

Manifest

010079796JJK

I certify that the above information is true and oprrect to the best of my knowledge.

Authorized Signature:

Daniel \_

SCALE TRUCKET

# TABLE 7 Summary of Non-Hazardous Solids. Liquids, and Special Waste Disposal Shipments 3rd Qtr 2012 Progress Report Estate of Chemetco Hartford,Illinois

	Number of Shipments	Description	Container Size	Bin#	picked up date	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
	1	Sludge and oily water	5- 55-gal drums	NA _	9/20/2012	275	0.13	EQ Industrial Services	EQ Detroit Detroit, Michigan	009028029JJK
	2	Misc Cinder Block debris	20 CY	20106	9/25/2012	28,020	14.01	MidWest	Roxana Landfill	NA
3rd Quarter 2012	3	Universal Waste, Batteries,	1- fiber drum	NA	9/27/2012	19		Heritage Transport Inc	Heritage Environmental, Indianapolis, IN.	000473501WAS
	4	Universal Waste, flourecent lights	1- fiber drum	NA	9/27/2012	24		Heritage Transport Inc	WM Lamptracker Williamson, SC	000473500WAS

# Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

Hartford, Illinois

	Number of Shipments	Date of Shipment	Description of Material	Container	Bill of Lading Number	Bin Number	Weight in Tons		Diameter 10%
	Simplifients	Shipment		Container	Number	Diff Nutriber	TOTIS	Hauler	Disposal Site
		0/00/0040	Misc. Demolition	40 OV Di-				Midwest Sanitary	Roxana Landfill -
}	11	8/26/2010	Debris, Solid Waste	40 CY Bin	NA NA	NA	4.33	Services	Roxana, Illinois
	, .	0/00/0040	Misc. Demolition	40.0\(\frac{1}{2}\)				Midwest Sanitary	Roxana Landfill -
ll l	2	8/30/2010	Debris, Solid Waste	40 CY Bln	NA	NA NA	5.62	Services	Roxana, Illinois
			Misc Demolition	45.57.51	i			Midwest Sanitary	Roxana Landfill -
ii I	3	8/31/2010	Debris, Solid Waste	40 CY Bin	NA	NA NA	5.4	Services	Roxana, Illinois
Į į			Misc. Demolition		ļ	,		Midwest Sanitary	Roxana Landfill -
<u> </u>	4	9/1/2010	Debris, Solid Waste	40 CY Bin	NA NA	NA NA	7.55	Services	Roxana, Illinois
\f \		,	Misc. Demolition	<u> </u>	}			Midwest Sanitary	Roxana Landfill -
<b> </b>	5	9/10/2010	Debris, Solid Waste	40 CY Bin	NA .	NA	5,86	Services	Roxana, Illinois
					Total Tons		28.76		
ii i		<del> </del>	<del></del>		j <del></del>	<del></del>			
<u> </u>	Number of	Date of	Description of	1	Bill of Lading		Weight in		
ii l	Shipments	Shipment	Material	Container	Number	Weight in Lbs	Tons	Hauler	Disposal Site
11 1	<u> </u>	<del></del>					-	Midwest Sanitary	Roxana Landfill -
}}	1	9/16/2010	Concrete Debris	Trailer	95454	22,180	11.09	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
l	2	9/16/2010	Concrete Debris	Trailer	95462	36,960	18.48	Services	Roxana, Illinois
	<del>-</del>						_	Midwest Sanitary	Roxana Landfill -
	3	9/16/2010	Concrete Debris	Trailer	95485	36,940	18.47	Services	Roxana, Illinois
]] ]			<u></u>			·		Midwest Sanitary	Roxana Landfill -
3rd	4	9/16/2010	Concrete Debris	Trailer	95501	35,780	17.89	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
Quarter	5	9/16/2010	Concrete Debris	Trailer	95517	29,329	14.66	Services	Roxana, Illinois
	<del></del>							Midwest Sanitary	Roxana Landfill -
2010	6	9/16/2010	Concrete Debris	Trailer	95539	50,320	25.16	Services	Roxana, Illinois
			<del></del>					Midwest Sanitary	Roxana Landfill -
<b> </b>	7	9/16/2010	Concrete Debris	Trailer	95545	45,160	22.58	Services	Roxana, Illinois
]			_ <del></del>			<del></del>		Midwest Sanitary	Roxana Landfill -
li l	. 8	9/16/2010	Concrete Debris	Trailer	95591	44,200	22.1	Services	Roxana, Illinois
((								Midwest Sanitary	Roxana Landfill -
	9	9/16/2010	Concrete Debris	Trailer	95603	39,700	19.85	Services	Roxana, Illinois
1								Midwest Sanitary	Roxana Landfill -
	10	9/16/2010	Concrete Debris	Trailer	95623	42,660	21.33	Services	Roxana, Illinois
.						· · · · · · · · · · · · · · · · · · ·		Midwest Sanitary	Roxana Landfill -
))·	11	9/16/2010	Concrete Debris	Trailer	95650	47,700	23.85	Services	Roxana, Illinois
∦ . {					<del>                                     </del>			Midwest Sanitary	Roxana Landfill -
	12	9/17/2010	Concrete Debris	20 CY Bin	95726	23,760	11.88	Services	Roxana, Illinois

Dagg 1 of E

# Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

Hartford, Illinois

<u> </u>		Ī			<del></del>		ĭ · · · · · · · · · · · · · · · · · · ·	Midwest Sanitary	Roxana Landfill -
	. 13	9/17/2010	Concrete Debris	Trailer	95734	49,000	24.5	Services	Roxana, Illinois
		1						Midwest Sanitary	Roxana Landfili -
	14	9/17/2010	Concrete Debris	Trailer	95757	42,060	21.03	Services	Roxana, Illinois
							ļ	Midwest Sanitary	Roxana Landfill -
	15	9/17/2010	Concrete Debris	Trailer	95795	47,200	23.6	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
3rd	16	9/17/2010	Concrete Debris	Trailer	95824	38,200	19.1	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
Quarter	17	9/17/2010	Concrete Debris	Trailer	95873	38,660	19.33	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
2010	18	9/17/2010	Concrete Debris	Trailer	95929	44,700	22.35	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
	19	9/17/2010	Concrete Debris	20 CY Bin	95916	14,960	7.48	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
	20_	9/17/2010	Concrete Debris	20 CY Bin	95874	24,300	12.15	Services	Roxana, Illinois
								Midwest Sanitary	Roxana Landfill -
	21	9/17/2010	Concrete Debris	20 CY Bin	96078	15,240	7.62	Services	Roxana, Illinois

Total Pounds 769,009 --Total Tons --- 384.50

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
4th Quarter 2010		No Shipments	were made during the	e 4th Quarte	r 2010					

# Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco

# Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin#	Bill of Lading Number	picked up date	Volume or Weight	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
  }		Misc.								T		
		Demolition Debris, Solid				}			]	Midwest Sanitary	Roxana Landfill,	
1st	1	Waste	40 CY Bin	NA	NA	1/13/2011	NA .		NA	Services	IL.	NA
		1								RS Used Oil	RS Used Oil	
Quarter	2 .	Unused Oil	Vacuum Truck	NA	NA NA	1/14/2011	2,315	gal	NA NA	Services	Services, IL	008153818JJK
2011	3	Oily Water	Vacuum Truck	NA NA	NA	1/17/2011	1,105	gal	NA _	RS Used Oil Services	RS Used Oil Services, IL	006611023JJK
	4	Crushed Drums	40 CY Bin	40108	47173	1/17/2011	4,060	lb	2.03	Midwest Sanitary Services_	Roxana Landfill,	NA NA
	5	Grease and crushed drums	20 CY Bin	20841	NA	1/24/2011	10,380	lb	5.19	Midwest Sanitary Services	Milam Landfill, IL	00350687WAS
<u></u>	— <del>——</del>	<u> </u>		<del>`</del>	Total Pounds	<del></del>	14,440	<u> </u>		<del></del>	<del></del>	ا <u>ل تنظیمات میں ۔</u>

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd									<del></del>	
Quarter	İ	No Shipments	were made during the	2nd Quarte	er 2011					}}
2011	L									

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
3rd					<del> </del>					
Quarter	ł	No Shipments	were made during the	3rd Quarte	r 2011					Į.
2011										

# Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments 3rd Quarter 2012 Progress Report **Estate of Chemetco** Hartford, Illinois

	Number of Shipments	Description	Container Size	Bin #	Bill of Lading Number	picked up date	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
		Non-Haz									
	1	Trash Debris	40 CY	4013	NA	11/2/2011	12,500	6.25	MidWest	Roxana Landfill	NA NA
		Non-Haz			1			j			
4th	2	Trash Debris	40 CY	4013	NA	11/18/2011	7,640	3.82	MidWest	Roxana Landfill	NA
		Non-Haz									
Quarter	3	Trash Debris	40 CY	4013	NA	12/8/2011	10,560	5.28	MidWest	Roxana Landfill	NA
		Non-Haz	·								
2011	4	Trash Debris	40 CY	4013	NA	12/8/2011	15,180	7.59	MidWest	Roxana Landfill	NA
		Non-Haz									
	5	Trash Debris	40 CY	4013	NA	12/15/2011	1,740	0.87	MidWest	Roxana Landfill	NA
		Universal								Waste Management,	
	6	Waste	fiber drums	NA	NA NA	11/11/2011	242	0.121	Heritage	Kaiser Mo	003552160FL

47,862 Total Pounds **Total Tons** 23.931

	Number of Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	Gals	Disposal Facility	MSD Waste Receipt	Manifest #
	1	Decon Wastewater	Vacuum Truck	NA	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078388	009661182JJK
1st	2	Decon Wastewater	Vacuum Truck	NA	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078389	009661181JJK
Quarter	3	Decon Wastewater	Vacuum Truck	NA_	2/27/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078390	009661187JJK
2012	2	Decon Wastewater	Vacuum Truck	NA	2/28/2012	Illini Environmental	5,000	Metropolitan Sewer District (MSD)	S-078387	009661183JJK
	4	Decon Wastewater	Vacuum Truck	NA	2/28/2012	Illini Environmental	2,500	Metropolitan Sewer District (MSD)	S-084054	009661184JJK
	5	Decon Wastewater	Vacuum Truck	NA	3/1/2012	Illini Environmental	3,150	Metropolitan Sewer District (MSD)	S-084055	007328964JJK
<u> </u>	<u>:</u>	<u> </u>		<del></del>		~ Total Gallons	20.650	<del>'</del>		

Total Gallons

	Number of									
	Shipments	Description	Container Size	Bin#	picked up date	Waste Hauler	lbs	tons	Disposal Facility	Manifest #
2nd		•							<del> </del>	
Quarter		No Shipments	were made during the	e 2nd Qtr 20	12					
2012			_							ľ

# Summary of Non-Hazardous Solids, Liquids, and Special Waste Disposal Shipments 3rd Quarter 2012 Progress Report Estate of Chemetco Hartford, Illinois

-	Number of								····	
	Shipments	Description	Container Size	Bin #	picked up date	Lbs or Gal	tons	Waste Hauler	Disposal Facility	Manifest #
		Sludge and						EQ Industrial	EQ Detroit	
	1	oily water	_5- 55-gal drums	NA	9/20/2012	275	0.13	Services	Detroit, Michigan	009028029JJK_
		Misc Cinder								
	2	Block debris	20 CY	20106	9/25/2012	28,020	14.01	MidWest	Roxana Landfill	NA
3rd		Universal							Heritage	
Quarter :		Waste,						Heritage Transport	Environmental,	
2012	. 3	Batteries,	1- fiber drum	NA NA	9/27/2012	19		Inc	Indianapolis, IN.	000473501WAS
		Universal								
i i		Waste;			1					
		flourecent			1			Heritage Transport	WM Lamptracker	J
	4	lights	1- fiber drum	NA	9/27/2012	24		Inc	Williamson, SC	000473500WAS



# **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV If waste is  ${\underline{\tt NOT}}$  asbestos waste, complete Sections I, II and III

. <b>GENERATOR</b> (Generate	or complete	es la-r)						
Generator's US EPA ID Number		b. N	Manifest Docum	ent Number		c. Page		
							1	
J. Generator's Name and Location: Former Chemetco, Inc. Facility 154 Chemetco Lane artford, IL 62048 Phone:949-939-5543				e. Generator's Mailing Ar Former Chemetco, Inc. F 3754 Chemetco Lane Hartford, IL 62048 g. Phone:949-939-5543				
If owner of the generating facility differs from	om the gener	ator, prov	ide:					
Our ar's Nome:			}	i. Owner's Phone No.:				
Owner's Name: Waste Profile #	k. Exp. Date	e	I Waste Shipp		m. Co	ntainers	n, Total	o. Unit
			Description		No.	Туре	Quantity	Wt/Vol
3381014176	10/31/2012	<u>.</u>	Uncontaminat	ed Demolition Debris	/	CM	28020	1
			91	18796			11.36T	
				·				
GENERATOR'S CERTIFICATION: I here state law, has been properly described, contact waste is a treatment residue of a previous peen treated in accordance with the requirements.	assified and by restricted	packaged hazardous	l, and is in prope s waste subject	er condition for transportat to the Land Disposal Rest	tion accordii trictions. To	ng to applic ertify and v	cable regulations; warrant that the w	AND, If this
Jorge Gercia	a		1 any	Danca		9-	25-12	1
b. Generator Authorized Agent Name (Pri	nt)	q. Sig	nature 0			r. Date		
II. TRANSPORTER (Gene	erator com	pletes II	a-b and Trar	sporter completes II	c-e)			
a. Transporter's Name and Address: Mid-West Sanitary Services 301 Old St. Louis Road Wood River, IL 62095 b. Phone 618-254-0177			7 1 .	,			CY/	
· vare trans		1/2	und T	ms 1	1 0,	1/25	112	
c. Driver Name (Print)	d	. Signatur	e V / //		e. Date	FOIC	110	
III. DESTINATION (Genera				tion Site completes	IIId-g)			
a. Disposal Facility and Site Address: Roxana Landfill 4600 Cahokia Creek Road Roxana, IL 62084 b. Phone: 618-656-3929			c. US EPA Num 1190900002					
I herby conify that the above named mate	erial has beer	n/accepted	d and to the bes	t of my knowledge the for	egoing is tru	ie and acci	urate.	
e. Name of Authorized Agent (Print)	<u> </u>	Signature	yl Boy		9/23 g. Date	5/12		
IV. ASBESTOS (Generato	r complete	s IVa-f	and Operator	complete IVg-i)				
a. Operator's Name and Address:     b. Phone:				c. Responsible Agency N Illinois Environmental Pro P.O. Box 19276 Springfield, IL 62794-927 d. Phone:217-785-8604	otection Age			
e. Special Handling Instructions and Add	itional Inform	ation:			1			
f. Friable Non-Friable Bot	h	% Friabl	e	% Non-Friable		-	<del></del>	-
OPERATOR'S CERTIFICATION: I hereband are classified, packed, marked and lational governmental regulations.	y declare tha	t the cont	ents of this cons	signment are fully and acc				
				•				
g. Operator's Name and Title (Print) *Operator refers to the company which o		. Signatur operates,		ervises the facility being d	i. Date lemolished	or renovate	d, or the demolitic	in or

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 31 of 32

**APPENDIX**D

**NPDES eDMR forms and Analytical Results** 

# TABLE 9 Summary of NPDES Stormwater Data 3rd Quarter 2012 Progress Report Estate of Chemetco Hartford, Illinois

NPDES IL0025474, OUTFALL: #005 DATA TRACKING-30 Day Average UPDATED 11-2-2012

(EXCEEDANCES OF STDS SHOWN IN SHADED CELLS AND BOLD FONT)

	200				NPDES #	005 OUTFA	LL DISCHA	RGE SAME	PLE ANALY	SIS			117.43
Parameter	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	2012 YTD Average	35IAC304 Effluent Water Quality Stds (mg/l)	12 Month Running Avg	12 Mo Avg vs. Effluer Stds
BOD, 5-Day	8.00	7.00	6.00	<5	<5	10.00	6.00	15.00	7.00	7.67	30	7.00	23.3%
Oxygen Demand, Chemical	74.00	58.00	85.00	64.00	<50	73.00	51.00	76.00	<50	64.56	50	62.08	124.2%
pH	9.16	9.17	9.16	8.70	8.99	8.88	8.64	8.95	9.08	8.97	9.0	8.83	98.1%
Solids, Total Suspended	35.00	31.00	9.00	18.00	19.00	25.00	16.00	12.00	30.00	21.67	15	20.17	134.4%
Arsenic, Total	< 0.0250	<0.0250	<0.0250	0.0365	0.0414	0.0424	0.0301	0.0278	<0.0250	0.0309	0.25	0.0294	11.8%
Barium, Total	0.0984	0.0932	0.0784	0.0791	0.0767	0.2260	0.3230	0.1210	0.1660	0.1402	2.00	0.1352	6.8%
Cadmium, Total	0.0225	0.0179	0.0070	0.0118	<0.0020	0.0027	<0.0020	<0.0020	0.0046	0.0081	0.15	0.0139	9.3%
Chromium, Total	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	1.00	0.0100	nil
Copper, Total	0.1600	0.1320	0.0575	0.2120	0.0342	0.0579	0.0288	0.0205	0.0840	0.0874	0.50	0.1112	22.2%
Iron, Total	0.5790	0.5990	0.1400	0.7150	0.0856	0.2890	0.1290	0.0732	0.1790	0.3099	2.00	0.3537	17.7%
Lead, Total	0.1660	0.1390	0.0630	0.2100	<0.0400	0.0656	<0.0400	<0.0400	0.0899	0.0948	0.20	0.1285	64.3%
Manganese, Total	0.1610	0.1910	0.0882	0.2080	0.0685	0.1440	0.0911	0.0784	0.0654	0.1217	1.00	0.1369	13.7%
Nickel, Total	0.0534	0.0597	0.0252	0.0577	0.0172	0.0299	0.0243	0.0251	0.0295	0.0358	1.00	0.0364	3.6%
Selenium, Total	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.0500	None	0.0500	nil
Silver, Total	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	0.0100	0.10	0.0100	nil
Zinc, Total	0.6640	0.4060	0.0982	0.3910	0.0480	0.1210	0.0538	0.0478	0.1710	0.2223	1.00	0.3902	39.0%
Oil and Grease	<6	<6	<6	<6	<6	<6	<6	<6	<6	6.00	15	6.00	40.0%
Nitrogen, Ammonia, Total	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.140	<0.10	<0.10	0.10	None	0.11	nil
Avg Flow (MGD)	0.002520	0.001598	0.001037	0.010944	0.000144	0.000000	0.000000	0.000000	0.000000	0.001805		0.001651	nil
Avg flow (GPM)	1.75	1.11	0.72	7.60	0.10	0.00	0.00	0.00	0.00	1.25		1.15	nil
											Note: pH 6-9	7214200	
		4200 ml/min		28800ml/min		No Flow	No Flow	No Flow	No Flow				

2700 ml/min

MGD = million gallons per day GPM = Gallons per minute

Note:

Highlighted colored cells reflect 2012 results

PERMITTEE NAME / ADDRESS			NOITAN			ELIMINATION SYSTEM (	(NPDES)
ESTATE OF CHEMETCO-HARTF ADDRESS	ORD			IL0025747 PERMIT NUMBER	] [	005 0  DISCHARGE NUMBER	Minor 06
3574 CHEMETCO LANE HARTFORD	11	62048	<u>-</u>	MONITO			
FACILITY	T 05	02040	FROM	MO - DAY - YEAR 07 - 01 - 2012		MO - DAY - YEAR 07 - 31 - 2012	
CHEMETCO-HARTFORD, ESTAT	E OF	,	FROM Discharge Description		] 10[	Discharge Type	*** No Discharge ***
3574 CHEMETCO LANE HARTFORD	IL	62048	STORMWATER LAGO	ON		EXO	

PAR	AMETER			QUAN	TITY OR LOAD	ING	QUA	NTITY OR CO	NCENTRATION		NO. EX	Frequency of Analysis	SAMPLE TYPE
				AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIT	1	l }	
BOD, 5-day, 20	deg. C 00	0310 1 0	SAMPLE MEASUREMENT	***	*****		*****	= 6	= 6		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR GRAB
NO DATA CODE	DESC	RIPTION:								-	-		
COMMENTS:													
Oxygen demand level) (COD) 00		high	SAMPLE MEASUREMENT	*****	*****		****	= 51	= 51		1	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESC	RIPTION:				_							
COMMENTS:								<del></del>					
pH 00400 1 0			SAMPLE MEASUREMENT	****	****		= 8.64	*****	= 8.64		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	>= 6 MO MIN	*****	<= 9 MO MAX	(12) SU		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESC	RIPTION:											
COMMENTS:									······································			<del></del>	
Solids, total sus	pended 0	0530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 16	= 16		1	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESC	RIPTION:								<del></del>		<del></del>	<u> </u>

COMMENTS:													
Arsenic, total (a	as As	s) 01002 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0301	= 0.0301		0	01/30	GR
Effluent Gross		:	PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L	المستشرة با	01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:				<u></u>		<u> </u>		<u> </u>	<u> </u>	<del>'</del>	<u></u>
COMMENTS:		<u> </u>						<del></del>				<del></del>	
Barium, total (a	is Ba	0) 01007 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.323	= 0.323		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	****	*****	Anna Anna	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	
NO DATA CODE		DESCRIPTION:					<u> </u>	<u> </u>		L			<del>-1</del>
COMMENTS:			*****				- <del> </del>		· · · · · · · · · · · · · · · · · · ·			<del>, , , , , , , , , , , , , , , , , , , </del>	
Cadmium, total	(as	Cd) 01027 1 0	SAMPLE MEASUREMENT	****	****		*****	< 0.0020	< 0.0020		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:											
COMMENTS:													
Chromium, tota	al (as	Cr) 01034 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0100	< 0.0100		C	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:						<u></u>	*	<del> </del>			
COMMENTS:		<del></del>											
Copper, total (a	ıs Cı	J) 01042 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0288	= 0.0288		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:				<b>-</b>	<u> </u>	L <u>-i-</u> i			1 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	<u> </u>	
COMMENTS:			·						······································	·-·		<del></del>	
Iron, total (as F	e) 0	1045 1 0	SAMPLE MEASUREMENT	****	*****		*****	= 0.129	= 0.129		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:					•	·	• <u> </u>	<del></del>		· .	
COMMENTS:					***************************************	***************************************	<del></del>					<del></del>	

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											uge o or 4	
Lead, total (as l	Pb) 01051 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0400	< 0.0400		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:			·	<del>1</del>	l		<u> </u>	13/-	<u> </u>		1 - 1 - 1 - 1
COMMENTS:			<del></del>	<del></del>	<del></del>				<del></del>	<u></u>	<del></del>	
Manganese, tol	tal (as Mn) 01055	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0911	= 0.0911		0	01/30	GR
Effluent Gross	ı	PERMIT REQUIREMENT	****	****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:			· <del>* _ · · _ · · · · · · · · · · · · · · · </del>	· <del></del>	<u> </u>	<u> </u>	<del></del>	<u>.                                     </u>	ندين <u>د</u> ل	<del></del>	<del></del>
COMMENTS:	· ·	<u></u>			<del></del>		***************************************					
Nickel, total (as	Ni) 01067 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0243	= 0.0243		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:					•		<u> </u>				
COMMENTS:			······································			···	<del></del>		····			
Silver, total (as	Ag) 01077 1 0	SAMPLE MEASUREMENT	*****	****		*****	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:											
COMMENTS:												
Zinc, total (as Z	n) 01092 1 0	SAMPLE MEASUREMENT	*****	*****		****	= 0.0538	= 0.0538		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:									.L	·	<u> </u>
COMMENTS:							· <del>····</del> ·······························	<del></del>				**************************************
Selenium, total	(as Se) 01147 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0500	< 0.0500		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:			**************************************	<del>*</del>	·	<del></del>	<u> </u>	·			<b></b>
COMMENTS:	······································	<del> </del>		<del></del>		<del></del>						
Oil and grease (	** · · · · · · · · · · · · · · · · · ·	SAMPLE	*****	*****								GR

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										_		age 4 OI 4	
Effluent Gross			PERMIT REQUIREMENT	*****	****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:											
COMMENTS:		<u></u>				<del></del>	<del></del>	·					
Nitrogen, amm 34726 1 0	onia	, total (as NH3)	SAMPLE MEASUREMENT	*****	****		****	= 0.14	= 0.14		0	01/30	GR
Effluent Gross		<b>.</b>	PERMIT REQUIREMENT	*****	****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:								-			
COMMENTS:						***************************************							-
Flow, in condui plant 50050 1 (		thru treatment	SAMPLE MEASUREMENT	= 0.000001	= 0.000001		*****	***	*****		0	99/99	
Effluent Gross			PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	****	****	*****	*****		99/99 - Continuous	
NO DATA CODE		DESCRIPTION:											
COMMENTS:			<u> </u>										
······································													
												<del></del>	

#### CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By

Date

00012226 + CN=Jorge Y Garcia

09 - 17 - 2012

#### PERMITTEE NAME / ADDRESS

ESTATE OF CHEMETCO-HARTFORD

**ADDRESS** 

NAME

3574 CHEMETCO LANE

HARTFORD

62048 IL

**FACILITY** 

CHEMETCO-HARTFORD, ESTATE OF

LOCATION

FROM Discharge Description

Discharge Type

005 0

DISCHARGE NUMBER

MO - DAY - YEAR

08 - 31 - 2012

\*\*\* No Discharge

Minor

06

3574 CHEMETCO LANE

STORMWATER LAGOON

EXO ·

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT(DMR)

MONITORING PERIOD

TO

IL0025747

PERMIT NUMBER

MO - DAY - YEAR

08 - 01 - 2012

HARTFORD

łL 62048

PAR	RAMETER		QUAN	TITY OR LOAD	ING	QUAI	NTITY OR CO	NCENTRATION		NO. EX	Frequency of Analysis	SAMPLE TYPE
	<u>, , , , , , , , , , , , , , , , , , , </u>		AVERAGE	MAXIMUM	UNITS	МІМІМИ	AVERAGE	MAXIMUM	UNIT	1	ļ	
BOD, 5-day, 20	deg. C 00310	SAMPLE MEASUREMENT	*****	*****		*****	= 15	• = 15		0	01/30	GR
Effluent Gross	•	PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION	DN:										
COMMENTS:	<u> </u>			<del></del>		····					······································	
Oxygen deman level) (COD) 00		SAMPLE MEASUREMENT	****	*****		*****	= 76	= 76	!	1	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION	ON:										
COMMENTS:												
pH 00400 1 0		SAMPLE MEASUREMENT	*****	*****		= 8.95	*****	= 8.95		0	01/30	GR
Effluent Gross	<u>.</u>	PERMIT REQUIREMENT	*****	*****	*****	>= 6 MO MIN	*****	<= 9 MO MAX	(12) SU		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION	N:										
COMMENTS:						<del></del>		<del></del>				
Solids, total sus	spended 00530	1 0 SAMPLE MEASUREMENT	*****	*****		*****	<b>= 12</b>	= 12		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION	N:				<del></del>		<u> </u>			* · · · · · · · · · · · · · · · · · · ·	·

COMMENTS:							· · · · · · · · · · · · · · · · · · ·					·/	
Arsenic, total (a	as As	s) 01002 1 0	SAMPLE MEASUREMENT	****	*****		*****	= 0.0278	= 0.0278		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:											
COMMENTS:													
Barium, total (a	is Ba	) 01007 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.121	= 0.121		0	01/30	GR
Effluent Gross		, •	PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:					<u> </u>						•
COMMENTS:		·	·										
Cadmium, total	l (as	Cd) 01027 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0020	< 0.0020		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:			<u> </u>		<u> </u>	<u> </u>	4	<del>1</del>	<del></del>	<u> </u>	<u> </u>
COMMENTS:		<u> </u>	···								<u></u>		·
Chromium, tota	al (as	Cr) 01034 1 0	SAMPLE MEASUREMENT	****	*****		*****	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:			<u></u>	**	<u> </u>	<u> </u>	<u> </u>	<u></u>	· <del></del>		· <u> </u>
COMMENTS:		<u> </u>							· · · · · · · · · · · · · · · · · · ·		·		
Copper, total (a	as Cu	ı) 01042 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0205	= 0.0205		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:				<del>*</del>	<u> </u>	L	<u> </u>	· ············	<u> </u>	L . `	
COMMENTS:								·			******		
Iron, total (as F	e) 01	045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0732	= 0.0732		0	01/30	GR
Effluent Gross			PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:				-	<u> </u>	·		<u> </u>			
COMMENTS:	*			<del></del>					· · · · · · · · · · · · · · · · · · ·				

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									_		. age o or r	
Lead, total (as	Pb) 01051 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0400	< 0.0400	!	0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:		<u> </u>	· <del></del>	J <del></del>	<del></del>	<del></del>	<u> </u>		<u>,</u>	<u> </u>	<u> </u>
COMMENTS:	<u> </u>						<del></del>		***			······································
Manganese, to 1 0	tal (as Mn) 01055	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0784	= 0.0784		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:		····	. <del> </del>	<u> </u>	<del></del>	<del> </del> -	<u></u>	<b></b>		*	<del></del>
COMMENTS:				<del></del>		<del></del>					····	
Nickel, total (as	s Ni) 01067 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0251	= 0.0251		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:						<del> </del>		·			
COMMENTS:	,	<u> </u>	·····			··· <del>··································</del>	<del></del>				······································	·
Silver, total (as	Ag) 01077 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:											
COMMENTS:						-						
Zinc, total (as Z	<u>(n) 01092 1 0</u>	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0478	= 0.0478		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	有物を含ませ	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:		•					<u></u>	<u> </u>	<u> </u>	<del></del>	
COMMENTS:				<del></del>	<del></del>	<del>~</del>		<del>, </del>				
Selenium, total	(as Se) 01147 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0500	< 0.0500		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	****	AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:			-		• • • • • • • • • • • • • • • • • • •		<u></u>	·	<del></del>	<del></del>	<del></del>
												<u> </u>
COMMENTS:	:											

Page 4 of 4

			_							_			
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	
NO DATA CODE		DESCRIPTION:											
COMMENTS:		<u> </u>					<del>-</del> <del>-</del>						
Nitrogen, amm 34726 1 0	onia	, total (as NH3)	SAMPLE MEASUREMENT	*****	*****		*****	< 0.10	< 0.10		0	01/30	GR
Effluent Gross		•	PERMIT REQUIREMENT	*****	****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	
NO DATA CODE		DESCRIPTION:								·			
COMMENTS:			<u> </u>		<del>'                                    </del>		····						<del></del>
Flow, in condui plant 50050 1 (		thru treatment	SAMPLE MEASUREMENT	= 0.000001	= 0.000001		*****	*****	*****		0	99/99	
Effluent Gross			PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	*****	*****	*****	*****		99/99 - Continuous	_
NO DATA CODE		DESCRIPTION:											
COMMENTS:	L	<u> </u>	l							~			
											I		
		L		I		l	I	L		l	l	1	l

#### CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By

Date

00012226 + CN=Jorge Y Garcia

09 - 17 - 2012

SABAMETER			OHANTITY OF LOADING		7/00 000001170471011	100 5
3574 CHEMETCO LANE HARTFORD	IL	62048	STORMWATER LAGOON		EXO	
LOCATION			Discharge Description		Discharge Type	*** No Discharge ***
CHEMETCO-HARTFORD, ESTATE (	)F		FROM 09 - 01 - 2	2012 TO		
FACILITY			MO - DAY -	YEAR	MO - DAY - YEAR	
HARTFORD	IL	62048		MONITORING	PERIOD	
3574 CHEMETCO LANE				<del></del>		
ADDRESS			PERMIT NU	MBER	DISCHARGE NUMBER	06
ESTATE OF CHEMETCO-HARTFOR	.D		IL00257	47	005 0	Minor
NAME ,			DISCH	ARGE MONITOR	RING REPORT(DMR)	
PERMITTEE NAME / ADDRESS			NATIONAL POLLUTA	NT DISCHARGE	E ELIMINATION SYSTEM (NP	DES)
· ·						

PARAI	METER		QUAN	TITY OR LOAD	ING	AUP	NTITY OR CO	NCENTRATION		NO. EX	Frequency of Analysis	SAMPL TYPE
<del>- i</del>			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNIT			
BOD, 5-day, 20 c	deg. C 00310 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 7	= 7		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:		· · · · · · · · · · · · · · · · · · ·	<del></del>	<u> </u>	<del>*</del>	· · · · · · · · · · · · · · · · · · ·		<u>'                                    </u>	<u> </u>	•	
COMMENTS:		<u> </u>							-			
Oxygen demand, level) (COD) 003		SAMPLE MEASUREMENT	****	*****		*****	< 50	< 50		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:							<u> </u>	<u> </u>			
COMMENTS:		<u></u>										
pH 00400 1 0		SAMPLE MEASUREMENT	*****	****		= 9.08	*****	= 9.08		1	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	>= 6 MO MIN	*****	<= 9 MO MAX	(12) SU	. "	01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:						<del>-                                    </del>		**			
COMMENTS:										· · · · ·		
Solids, total susp	ended 00530 1 0	SAMPLE MEASUREMENT	****	****		*****	= 30	= 30		1	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:						·		<u> </u>		<del></del>	

Page 2 of 5

COMMENTS:												
Arsenic, total (a	as As) 01002 1 0	SAMPLE MEASUREMENT	****	*****		****	< 0.0250	< 0.0250		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	***	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:				· · · · · · · · · · · · · · · · · · ·							
COMMENTS:						······································						
Barium, total (a	s Ba) 01007 1 0	SAMPLE MEASUREMENT	****	*****		*****	= 0.166	= 0.166		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:		- "		-							
COMMENTS:		<u> </u>		· · · · · · · · · · · · · · · · · · ·	······		<del></del>					
Cadmium, total	(as Cd) 01027 1 0	SAMPLE MEASUREMENT	****	*****		****	= 0.0046	= 0.0046		0	01/30	GR
Effluent Gross	ì	PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:											
COMMENTS:												
Chromium, tota	l (as Cr) 01034 1 0	SAMPLE MEASUREMENT	****	*****		*****	< 0.0100	< 0.0100		0	01/30	GR
Effluent Gross	•	PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:											
COMMENTS:											,	
Copper, total (a	ns Cu) 01042 1 0	SAMPLE MEASUREMENT	****	*****		*****	= 0.0840	= 0.0840		0	01/30	GR
Effluent Gross	•	PERMIT REQUIREMENT	****	*****	*****	****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:	-								·		
COMMENTS:				74-14-1-1								
lron, total (as F	e) 01045 1 0	SAMPLE MEASUREMENT	****	*****		****	= 0.179	= 0.179		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE	DESCRIPTION:			·	<del>*************************************</del>		· · · · · · · · · · · · · · · · · · ·		·	·	<del></del>	<del></del>

- 1	Pa	ae	3	Ω	f S

										3	
Lead, total (as Pt	0) 01051 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0899	= 0.0899		0 01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	. *****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRAI
NO DATA CODE	DESCRIPTION:										
COMMENTS:		<u> </u>									
Manganese, total	(as Mn) 01055	SAMPLE MEASUREMENT	*****	*****		****	= 0.0654	= 0.0654		0 01/30	GR
Effluent Gross		PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRA
NO DATA CODE	DESCRIPTION:										
COMMENTS:		<del></del>			·			······································			
Nickel, total (as N	li) 01067 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.0295	= 0.0295		0 01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRA
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Silver, total (as A	g) 01077 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0100	< 0.0100		0 01/30	GR
Effluent Gross	,	PERMIT REQUIREMENT	****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRA
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Zinc, total (as Zn)	01092 1 0	SAMPLE MEASUREMENT	*****	*****		*****	= 0.171	= 0.171		0 01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRA
NO DATA CODE	DESCRIPTION:										
COMMENTS:											
Selenium, total (a	s Se) 01147 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.0500	< 0.0500		0 01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L	01/30 - Once Per Month	GR - GRA
NO DATA CODE	DESCRIPTION:								<del></del>		•
COMMENTS:	····	· · · · · · · · · · · · · · · · · · ·				·····	*******	····	*		
COMMENTS:											

Page 4 of 5

												age 4 or 0	
Effluent Gross			PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB
NO DATA CODE		DESCRIPTION:											
COMMENTS:			<u> </u>		<del></del>					<del></del>			·
Nitrogen, ammo 34726 1 0	onia	, total (as NH3)	SAMPLE MEASUREMENT	*****	***		*****	< 0.10	< 0.10		0	01/30	GR
Effluent Gross		PERMIT REQUIREMENT	*****	*****	*****	*****	30DA AVG	DAILY MX	(19) mg/L		01/30 - Once Per Month	GR - GRAB	
NO DATA CODE		DESCRIPTION:							· · · · · · · · · · · · · · · · · · ·	<u> </u>			· · · · · · · · · · · · · · · · · · ·
COMMENTS:		<u> </u>	<u> </u>										
Flow, in conduit plant 50050 1 0		thru treatment	SAMPLE MEASUREMENT	= 0.000001	= 0.000001		*****	*****	*****		0	99/99	
Effluent Gross			PERMIT REQUIREMENT	30DA AVG	DAILY MX	(03) Mgal/d	*****	****	*****	*****		99/99 - Continuous	-
NO DATA CODE		DESCRIPTION:			· · · · · · · · · · · · · · · · · · ·								
COMMENTS:		<u> </u>	L	<del></del>		··. · · · · · · · · · · · · · · · · · ·		·	· · · · · · · · · · · · · · · · · · ·	<u></u>			
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~			<u> </u>				L		<u> </u>	L	<u> </u>	L	

#### CONSIDERATION FOR FORM COMPLETION

SAMPLE FREQUENCY SHALL BE ONCE AMONTH WHEN DISCHARGING.

FORM COMMENTS

Parameter Code	eter Code Monitoring Location Code Measurement Field				Status	Status				Туре			
00400	1	Concentration	Concentration Maximum			Acknowledged			Soft	Soft			
Validation Check Description	Reported concentration maximum vi	iolates permit limit		3 -		<del>-</del>	1.5	entre de		N. 11	,		
Parameter Description	рН					-							
Monitoring Location Description	Effluent Gross							· .					
Validation Check Comment						<del></del>						<del></del>	
				1 - 1 - V	T		1,		T				

#### PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statues may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Submitted By

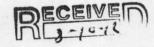
Date

00012226 + CN=Jorge Y Garcia

10 - 12 - 2012

WorkOrder: 12080027





August 08, 2012

Jorge Garcia Chemetco 3754 Chemetco Lane Hartford, IL 62048 TEL: (618) 254-4381

FAX: (618)254-0138

RE: NPDES #005

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 8/1/2012 10:20:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling

Project Manager

(618)344-1004 ex 41

mdarling@teklabinc.com

Marin L. Darling I



# **Case Narrative**

http://www.teklabinc.com/

Work Order: 12080027

Report Date: 08-Aug-12

Client: Chemetco
Client Project: NPDES #005

Cooler Receipt Temp: 0.2 °C

# **Locations and Accreditations**

	Collinsville			Springfield		. <del></del>	Kansas City			
Address	5445 Horseshoe Lake Road		Address 3920 Pintail Dr			Address	8421 Nieman Road			
	Collinsville, IL 62234-7425			Springfield, IL 6271	1-9415		Lenexa, KS 66214			
Phone	(618) 344-1004		Phone	(217) 698-1004		Phone	(913) 541-1998			
Fax	(618) 344-1005		Fax	(217) 698-1005		Fax	(913) 541-1998			
Email	jhriley@teklabinc.com		Email	kmcclain@teklabin	c.com	Email	dthompson@teklabinc.com			
State		Dept		Cert #	NELAP	Exp Date	Lab			
Illinois		IEPA		100226	NELAP	1/31/2013	Collinsville			
Kansas	3	KDHE		E-10374	NELAP	1/31/2013	Collinsville			
Louisia	ana	LDEQ		166493	NELAP	6/30/2013	Collinsville			
Louisia	ana	LDEQ		166578	NELAP	6/30/2013	Springfield			
Texas		TCEQ		T104704515-12-1	NELAP	7/31/2013	Collinsville			
Arkans	sas	ADEQ		88-0966		3/14/2013	Collinsville			
Illinois		IDPH		17584		4/30/2013	Collinsville			

0073

00930

9978

5/26/2013

4/13/2013

8/31/2012

UST

MDNR

ODEQ

Kentucky

Missouri

Oklahoma

Collinsville

Collinsville

Collinsville



# **Laboratory Results**

http://www.teklabinc.com/

Client: Chemetco

Work Order: 12080027

Client Project: NPDES #005

Report Date: 08-Aug-12

Lab ID: 12080027-001

Client Sample ID: NPDES #005

Matrix: AQUEOUS

Collection Date: 07/31/2012 9:15

Matrix: AQUEOUS Concerton Bate: 07/31/2012 3.13								
Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	08/03/2012 10:12	R166598
EPA 600 350.1 (TOTAL)								
Nitrogen, Ammonia (as N)	NELAP	0.10		0.14	mg/L	1	08/01/2012 19:43	R166470
EPA 600 410.4								
Chemical Oxygen Demand	NELAP	50		51	mg/L	1	08/03/2012 13:41	R166510
STANDARD METHOD 4500-H	3. LABORATORY	ANALYZED		31				-
Lab pH	,	1.00		8.64		1	08/01/2012 12:28	R166380
STANDARD METHODS 2540 D								
Total Suspended Solids		6		16	mg/L	1	08/01/2012 12:39	R166421
STANDARD METHODS 5210 B					·			<del></del>
Biochemical Oxygen Demand		5		6	mg/L	1	08/01/2012 13:53	80211
EPA 600 4.1.4, 200.7R4.4, MET	ALS BY ICP (TOTA	AL)						
Arsenic	NELAP.	0.0250		0.0301	mg/L	1	08/07/2012 19:32	80229
Barium	NELAP	0.0050		0.323	mg/L	, 1	08/07/2012 19:32	80229
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	08/07/2012 19:32	80229
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	08/07/2012 19:32	80229
Copper	NELAP	0.0100		0.0288	mg/L	1	08/07/2012 19:32	80229
Iron	NELAP	0.0200		0.129	mg/L	1	08/07/2012 19:32	80229
Lead	NELAP	0.0400		< 0.0400	mg/L	1	08/07/2012 19:32	80229
Manganese	NELAP	0.0050		0.0911	mg/L	1	08/07/2012 19:32	80229
Nickel	NELAP	0.0100		0.0243	mg/L	1	08/07/2012 19:32	80229
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	08/07/2012 19:32	
Silver	NELAP	0.0100		< 0.0100	mg/L	1	08/07/2012 19:32	
Zinc	NELAP	0.0100		0.0538	mg/L	1	08/07/2012 19:32	80229



# **Receiving Check List**

http://www.teklabinc.com/

Client: Chemetco ient Project: NPDES #005			ork Order: 12080027 eport Date: 08-Aug-12
Carrier: Josh Cerar  Completed by: On: Uh. Mag  01-Aug-12  Timothy W. Mathis	Received By: Reviewed b On: 01-Aug-12		Darling II
Pages to follow: Chain of custody 1  Shipping container/cooler in good condition?  Type of thermal preservation?  Chain of custody present?  Chain of custody signed when relinquished and received?  Chain of custody agrees with sample labels?  Samples in proper container/bottle?	Extra pages included  Yes V No None C Ice Yes V No Yes V No Yes V No	Not Present Blue Ice	Temp ℃ <b>0.2</b> Dry Ice
Sample containers intact? Sufficient sample volume for indicated test? All samples received within holding time?	Yes V No		
•	Yes V No Yes V No Yes V No Field Lab Yes V No ant with a temperature between	□ □ □ NA □	
Sufficient sample volume for indicated test?  All samples received within holding time?  Reported field parameters measured:  Container/Temp Blank temperature in compliance?  When thermal preservation is required, samples are compliance.	Yes V No Yes V No Yes V No Field Lab Yes V No ant with a temperature between	NA NA	
Sufficient sample volume for indicated test?  All samples received within holding time?  Reported field parameters measured:  Container/Temp Blank temperature in compliance?  When thermal preservation is required, samples are compliance.  0.1°C - 6.0°C, or when samples are received on ice the samples.	Yes V No Yes V No Yes V No Field Lab Yes V No ant with a temperature between the day as collected.  Yes No	NA NA	
Sufficient sample volume for indicated test?  All samples received within holding time?  Reported field parameters measured:  Container/Temp Blank temperature in compliance?  When thermal preservation is required, samples are compliance on ice the same of th	Yes V No Yes V No Yes V No Field Lab Yes No ant with a temperature between the day as collected.  Yes No Yes No	No VOA vials	

<b>D</b>	-	
Print	Form	

# **Teklab Chain of Custody**

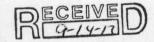
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Workorder/20802

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax:(618)344-1005

Chemetco		sesiloc Eake	Are the sampl									Preserv	ed in		Fi MH	eld	
3754 Chemeto	to Lane			Cooler Temp	<u>D. 2</u> Sam	pler .	Jorge G	arcia							_	8/1	112
Hartford		<b>I</b> L	62048	Comments	eMail: jga	rcia@che	metcoe	state.c	om								
Project: NPDE	S #005 ·			Metals: As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Ni, Se, Ag, and Zn													
Contact Jo	rge Garcia	eMail s	ee commen	nts Pho	one (618) 25	4-4381	Reques	sted D	ue Date	NTAT		Billing	/PO				
Lab Use	Sample ID	Sample	e Date/Time	Preservative	Matrix	BOD	T5S	Hd	Metals	Oil & Grease	Ammonia	COD					
1208002-7	NPDES #005	7.3	09/5	Other	Aqueous		×	×	X	X	X	X					
				Unpres	Aqueous												
				Unpres	Aqueous												
				Unpres	Aqueous												
				Unpres	Aqueous					Tok!	ab l	ne					
	·			Unpres	Aqueous					ourie		CX U					
				Unpres	Aqueous												
				Unpres	Aqueous												
	Relinquished B	v *		Date/T	ime				Receiv	ved By					Date/1	ime	
Low	Louge Danca						2/	4	-					8/1/1		15	
	Jehlen				1020	dephave Laines				8/1/12 10:20			)				
he individual algi	ning this agreement on be	ehalf of client ack		ゟ゚////ユ at they have read	and understand			reemer	nt and th			uthority 1	o sign or	behalf of c	ient.	10. U	





September 12, 2012

Jorge Garcia Chemetco 3754 Chemetco Lane Hartford, IL 62048 TEL: (618) 254-4381

TEL: (618) 254-4381 FAX: (618)254-0138

RE: NPDES #005

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 8/30/2012 3:05:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling

Project Manager

(618)344-1004 ex 41

mdarling@teklabinc.com

Marin L. Darling I



# **Definitions**

http://www.teklabinc.com/

Work Order: 12081443

Report Date: 12-Sep-12

Client: Chemetco
Client Project: NPDES #005

#### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
  - MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
  - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
  - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
  - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
  - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
  - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

## Qualifiers

- # Unknown hydrocarbon
- E Value above quantitation range
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- H Holding times exceeded
- ND Not Detected at the Reporting Limit
  - S Spike Recovery outside recovery limits



# **Case Narrative**

http://www.teklabinc.com/

Client: Chemetco

Work Order: 12081443

Client Project: NPDES #005 Report Date: 12-Sep-12

Cooler Receipt Temp: 26.2 °C

# **Locations and Accreditations**

	Collinsville	·	Springfield	Kansas City				
Address	5445 Horseshoe Lake Road	Address	3920 Pintail Dr	Address	8421 Nieman Road			
	Collinsville, IL 62234-7425		Springfield, IL 62711-9415		Lenexa, KS 66214			
Phone	(618) 344-1004	Phone	(217) 698-1004	Phone	(913) 541-1998			
Fax	(618) 344-1005	Fax	(217) 698-1005	Fax .	(913) 541-1998			
Email	jhriley@teklabinc.com	Email	kmcclain@teklabinc.com	Email	dthompson@teklabine.com			

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2013	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2013	Springfield
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2013	Collinsville
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2013	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2013	Collinsville



# **Laboratory Results**

http://www.teklabinc.com/

Client: Chemetco

Work Order: 12081443

Client Project: NPDES #005

Report Date: 12-Sep-12

Lab ID: 12081443-001

Client Sample ID: NPDES #005

Matrix: AQUEOUS

Collection Date: 08/30/2012 13:15

Matrix: AQUEOUS				Concention	Date: 00/	30/2012	10110	
Analyses	Certification	RL_	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	08/31/2012 7:58	R167618
EPA 600 350.1 (TOTAL)								
Nitrogen, Ammonia (as N)	NELAP	0.10		< 0.10	mg/L	1	08/31/2012 17:35	R167606
EPA 600 410.4							- 11.4 To 1	
Chemical Oxygen Demand	NELAP	50		76	mg/L	1	09/04/2012 13:48	R167649
STANDARD METHOD 4500-H	B, LABORATORY A	NALYZED					***	
Lab pH	•	1.00		8.95		1	08/31/2012 10:09	R167562
STANDARD METHODS 2540 D								,
Total Suspended Solids		6		12	mg/L	1	08/30/2012 18:01	R167530
STANDARD METHODS 5210 E	3							
Biochemical Oxygen Demand		5		15	mg/L	1	08/30/2012 20:07	81039
EPA 600 4.1.4, 200.7R4.4, MET	TALS BY ICP (TOTA	AL)			•			
Arsenic	NELAP	0.0250		0.0278	mg/L	· ˙ 1	09/11/2012 1:00	81062
Barium	NELAP	0.0050		0.121	mg/L	1	09/11/2012 1:00	81062
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	09/11/2012 1:00	81062
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	09/11/2012 1:00	81062
Copper	NELAP	0.0100		0.0205	mg/L	1	09/11/2012 1:00	81062
Iron	NELAP	0.0200		0.0732	mg/L	1	09/11/2012 1:00	81062
Lead	NELAP	0.0400		< 0.0400	mg/L	1	09/11/2012 1:00	81062
Manganese	NELAP	0.0050		0.0784	mg/L	1	09/11/2012 1:00	
Nicket	NELAP	0.0100		0.0251	mg/L	1	09/11/2012 1:00	
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	09/11/2012 1:00	
Silver	NELAP	0.0100		< 0.0100	mg/L	1	09/11/2012 1:00	
Zinc	NELAP	0.0100		0.0478	mg/L	1	09/11/2012 19:41	81062



# **Receiving Check List**

http://www.teklabinc.com/

Client: Chemetco ient Project: NPDES #005					der: 12081 ate: 12-Se	
Carrier: Jorge Garcia  Completed by: On:  30-Aug-12  Heather L. Riley	Rev C	On: Nua-12	Mawin L. Marvin L. Darling	D.	inling_	7/
Pages to follow: Chain of custody 1	Extra pages include	d 0				
Shipping container/cooler in good condition? Type of thermal preservation? Chain of custody present?	Yes ☑ None ☐ Yes ☑	No 🗌 Ice 🔲 No 🗍	Not Present Blue Ice		Temp ℃ Dry Ice	26.2
Chain of custody signed when relinquished and received? Chain of custody agrees with sample labels? Samples in proper container/bottle?	Yes ✔ Yes ✔ Yes ✔	No 🗌 No 🗍 No 🗍				
Sample containers intact? Sufficient sample volume for indicated test?	Yes ✓ Yes ✓ Yes ✓	No 🗌 No 🔲 No 🗀				
All samples received within holding time? Reported field parameters measured: Container/Temp Blank temperature in compliance?	Field 🗌 Yes 🗹	Lab 🗹 No 🗌	. NA			
When thermal preservation is required, samples are complian $0.1  \mathbb{C}$ - $6.0  \mathbb{C}$ , or when samples are received on ice the same		between				
Water - at least one vial per sample has zero headspace?	Yes 🗆	No 🗌	No VOA vials	$\checkmark$		
Water - TOX containers have zero headspace?	Yes 🗌	No 🗌	No TOX containers	$\checkmark$		
Water - pH acceptable upon receipt?	Yes 🗹	No 🗌	•			
NPDES/CWA TCN interferences checked/treated in the field?	Yes 🗀	No 🗌	NA	$\checkmark$		

Print Form	n	5445 Hor	seshoe Lake	Tek Road ~ Collin	lab Chair			-	1004 ~ F	ax:(618)	344-10		af	<u>/</u>	Workorde	-1208144
Chemetco	Chemetco				Are the samples chilled? Yes No with: C Ice Blue ice							Preserved in			C Lat	b Field
3754 Chemet	tco Lane			Cooler Temp 26,2 Sampler Jorge Garcia							1				H1843	
Hartford IL 62048					eMail: jgar	rcia@che	metco	estate.	com							
Project: NPDES #005				Comments	Metals: As	, Ba, Cd,	Cr, Cu,	Fe, Pb	. Mn, Ni, S	ie, Ag, ar	nd Zn					· .
Contact J	orge Garcia	eMail s	ee commer	ets Ph	one (618) 25	4-4381	Reque	ested D	ue Date	NTAT		Billing	J/PO			
Lab Use	Sample ID	· · · · · · · · · · · · · · · · · · ·	Date/Time	· 1	[	Bob	X TSS	X Hd		X Oil & Grease	X Ammonia	COD				
081443-201	NPDES #005	3.3			Aqueous											
				Unpres	Aqueous											
				Unpres	Aqueous										Ċ	
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				Unpres	Aqueous											
				Unnres	Agueous	_ ]	П	П								

Relinquished By *	Date/Time	Received By	Date/Time
Lorye Dama	8-30-12 1505		8/3/12 1505

<sup>\*</sup> The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

WorkOrder: 12091340





October 09, 2012

Jorge Garcia Chemetco 3754 Chemetco Lane Hartford, IL 62048 TEL: (618) 254-4381

FAX: (618)254-0138

RE: NPDES #005

Dear Jorge Garcia:

TEKLAB, INC received 1 sample on 9/27/2012 3:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling

Project Manager

(618)344-1004 ex 41

mdarling@teklabinc.com

Marin L. Darling I



Client: Chemetco

### **Definitions**

http://www.teklabinc.com/

Work Order: 12091340

Report Date: 09-Oct-12

Client Project: NPDES #005

#### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
  - MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
  - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
  - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
  - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
  - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
  - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

# **Qualifiers**

- # Unknown hydrocarbon
- E Value above quantitation range
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- H Holding times exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside recovery limits



# **Case Narrative**

http://www.teklabinc.com/

Work Order: 12091340

Report Date: 09-Oct-12

Kansas City

Collinsville

Collinsville

Collinsville

5/26/2013

4/13/2013

8/31/2013

Client: Chemetco

Client Project: NPDES #005

Cooler Receipt Temp: 15.6 °C

Collinsville

Kentucky

Missouri

Oklahoma

# **Locations and Accreditations**

Springfield

			<del></del>								
Address	5445 Horseshoe Lake Road	Address	3920 Pintail Dr	Address	8421 Nieman Road						
	Collinsville, IL 62234-7425		Springfield, IL 627	11-9415		Lenexa, KS 66214					
Phone	(618) 344-1004	Phone	(217) 698-1004		Phone	(913) 541-1998					
Fax	(618) 344-1005	Fax	(217) 698-1005	(217) 698-1005		(913) 541-1998					
Email	Email jhriley@teklabine.com		kmcclain@teklabin	c.com	Email	dthompson@teklabinc.com					
State	Dept		Cert #	NELAP	Exp Date	Lab					
Illinois	IEPA		100226	NELAP	1/31/2013	Collinsville					
Kansas	KDHE		E-10374	NELAP	1/31/2013	Collinsville					
Louisia	ina LDEQ		166493	NELAP	6/30/2013	Collinsville					
Louisia	ına LDEQ		166578	NELAP	6/30/2013	Springfield					
Texas	TCEQ		T104704515-12-1	NELAP	7/31/2013	Collinsville					
Arkans	as ADEQ		88-0966		3/14/2013	Collinsville					
Minois	IDPH		17584		4/30/2013	Collinsville					

0073

00930

9978

UST

MDNR

ODEQ



# **Laboratory Results**

http://www.teklabinc.com/

Client: Chemetco

Work Order: 12091340

Client Project: NPDES #005

Report Date: 09-Oct-12

Lab ID: 12091340-001

Client Sample ID: NPDES #005

Matrix: AQUEOUS

Collection Date: 09/27/2012 12:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	_6		< 6	mg/L	1	10/03/2012 9:18	R168887
EPA 600 350.1 (TOTAL)						· .		
Nitrogen, Ammonia (as N)	NELAP	0.10		< 0.10	mg/L	1	10/01/2012 14:14	R168733
EPA 600 410.4					··-			
Chemical Oxygen Demand	NELAP	50		< 50	mg/L	1	10/01/2012 8:17	R168714
STANDARD METHOD 4500-H I	B, LABORATORY	NALYZED						
Lab pH		1.00		9.08		1	09/28/2012 15:34	R168684
STANDARD METHODS 2540 D								
Total Suspended Solids		6		30	mg/L	1 1	09/28/2012 14:47	R168689
STANDARD METHODS 5210 B								
Biochemical Oxygen Demand		5_		7	mg/L	1	09/28/2012 15:37	82014
EPA 600 4.1.4, 200.7R4.4, MET	ALS BY ICP (TOTA	AL)						
Arsenic	NELAP	0.0250	·	< 0.0250	mg/L	1	10/07/2012 16:47	82036
Barium	NELAP	0.0050		0.166	mg/L	1	10/07/2012 16:47	82036
Cadmium	NELAP	0.0020		0.0046	mg/L	1	10/07/2012 16:47	82036
Chromium	NELAP	0.0100		< 0.0100	mg/L	1	10/07/2012 16:47	82036
Copper	NELAP	0.0100		0.0840	mg/L	1	10/07/2012 16:47	82036
Iron	NELAP	0.0200		0.179	mg/L	1	10/07/2012 16:47	82036
Lead	NELAP	0.0400		0.0899	mg/L	1	10/07/2012 16:47	82036
Manganese	NELAP	0.0050		0.0654	mg/L	1	10/07/2012 16:47	82036
Nickel	NELAP	0.0100		0.0295	mg/L	1	10/07/2012 16:47	82036
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	10/07/2012 16:47	82036
Silver	NELAP	0.0100		< 0.0100	mg/L	1	10/07/2012 16:47	82036
Zinc	NELAP	0.0100		0.171	mg/L	1	10/07/2012 16:47	82036



NPDES/CWA TCN interferences checked/treated in the field?

# **Receiving Check List**

http://www.teklabinc.com/ Work Order: 12091340 Client: Chemetco Report Date: 09-Oct-12 Client Project: NPDES #005 Carrier: Jorge Garcia Received By: TWM Mowin L. Darling II Completed by: Reviewed by: On: On: 27-Sep-12 27-Sep-12 Stephanie R. Haynes Marvin L. Darling Extra pages included 0 Pages to follow: Chain of custody Yes 🔽 No 🗌 Shipping container/cooler in good condition? Not Present Temp ℃ 15.6 Ice 🗹 Type of thermal preservation? Blue Ice None Dry Ice ~ No 🗌 Chain of custody present? Yes-~ Chain of custody signed when relinquished and received? Yes ~ Chain of custody agrees with sample labels? 24Y No 🖂 ~ Samples in proper container/bottle? Yes No 🗌 Yes  $\checkmark$ No 🗀 Sample containers intact? No 🗌 Sufficient sample volume for indicated test? Yes All samples received within holding time? Yes 🗹 No 🗌 V Field Lab Reported field parameters measured: NA Container/Temp Blank temperature in compliance? No 🗌 When thermal preservation is required, samples are compliant with a temperature between 0.1℃ - 6.0℃, or when samples are received on ice the same day as collected. Yes 🗌 No 🗌 Water - at least one vial per sample has zero headspace? No VOA vials ~ Yes 🗍 Water - TOX containers have zero headspace? No 🗌 No TOX containers Yes 🗹 No 🗌 Water - pH acceptable upon receipt?

Yes 🗌

Any No responses must be detailed below or on the COC.

No 🗌

NA 🗹

Print Form			Teklab Chain of Custody							Pg.	Pgof Work			orkorder 120913		
<u></u>	·	5445 Horseshoe Lake						1004 ~ F	ax:(618)344	-1005						
Chemetco	<del></del>		Are the sampl	es chilled? (•	Yes (	No ·	with:		← Blue ice		Preserve	din 🦰	Lab 🗸	Field		
3754 Chemeto	o Lane		Cooler Temp	Cooler Temp 156 Sampler J-Gercia									9	27/1	ì	
Hartford		62048	eMail: jgarcia@chemetcoestate.com												•	
Project: NPDE:	S #005		Comments	Metals: As	Ba, Cd,	Cr, Cu,	Fe, Pb,	Mn, Ni, S	e, Ag, and Z	n 						
Contact Jorg	ge Garcia e	Mail see commer	nts Ph	one (618) 254	-4381	Reque	ested D	ue Date -	NTAT	Billing	g/PO 				_	
Lab Use	Sample ID	Sample Date/Time	Preservative	e Matrix	BOD	155	Hd	Metals	Oil & Grease	COD						
12091340 001A	NPDĘS #005	9-27-12 12:9	Other	Aqueous		X	· <b>X</b>	X	X							
00 B			Unpres	Aqueous												
0010			Unpres	Aqueous												
0010	·		Unpres	Aqueous												
	·		Unpres	Aqueous												
			Unpres	Aqueous												
	,'		Unpres	Aqueous												
			Unpres	Aqueous												
	Relinquished By		Date/1	ime			7	Receiv	ed By				Date/Tir	ne	_	
00	16 i Paris i Cara		9 27-12			-/		1						7 753	Z	

\* The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

3<sup>rd</sup> Quarter 2012 Progress Report Interim Order (Civil Case No. 00-670-DRH, 00-677-DRH (consolidated)) December 4, 2012 Page 32 of 32

# **APPENDIX**E

**Monthly Security Action Item Reports** 

# Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048 Office: (618) 254-4381 x372 •Fax: (618) 254-0138 jgarcia@chemetcoestate.com

July 31, 2012

Michelle Kerr Attn: SR-6J Remedial Project Manager US EPA Region 5 Superfund Division 77 W. Jackson Blvd. SRF 6J Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the July Security Plan and Monthly Security Action Items letter report. The previous letter report was submitted on June 27, 2012.

During the month of July, the following security items were addressed:

#### Lighting

The existing lights that were in place prior to demolition have been restored, with the exception of the northeast, east and partial southeast area. These areas will require rewiring and adjustment to the existing power grid.

# **Security Cameras**

Seven out of nine cameras have been restored and are back on line. The remaining two cameras may require additional troubleshoot.

#### Alarm System

Due to the alleged break in as previously described in the June 27, 2012 Security Plan and Monthly Security Action Items Letter Report, the Estate and Paradigm determined that a separate alarm system code for entry to the Paradigm Building will replace the existing code. In addition, a new door for access to the bathrooms at the Paradigm building has been added to limit the number of personnel inside the building.

#### Vegetation Perimeter Up keeping

The Estate is in the process of up keeping the vegetation near the existing" Site Signs"

# **On-Site Security**

Due to the recent alleged break in, the Estate and Paradigm may contemplate some modifications.

The next monthly report is due by August 31, 2012. If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely,

ESTATE OF CHEMETCO, INC.

longe J. Davin

Jorge Y. Garcia PG

Project Coordinator/EH&S Manager

CC: Donald M. Samson, Trustee Elliott Stegin, IAD/Paradigm Chris Cahnovsky, IEPA-Collinsville Erin Rednour, IEPA-Springfield James Morgan, IAGO Penni S. Livingston, Livingston Law Firm Dan C. Nester, Bryan Cave

# Estate of Chemetco, Inc.

3754 Chemetco Lane ● Hartford, IL 62048 Office: (618) 254-4381 x372 ●Fax: (618) 254-0138 jgarcia@chemetcoestate.com

September 4, 2012

Michelle Kerr Attn: SR-6J Remedial Project Manager US EPA Region 5 Superfund Division 77 W. Jackson Blvd. SRF 6J Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the August Security Plan and Monthly Security Action Items letter report. The previous letter report was submitted on July31, 2012.

During the month of August, the following security items were addressed:

# Security Cameras

In the previous report, the Estate indicated that seven out of nine cameras have been restored and back on line. The Estate miscounted the number of cameras. Please note that there are <u>eight</u> cameras. Seven cameras are currently in working condition, and one camera is being looked at.

#### **Alarm System**

Due to the alleged break in as previously described in the June 27, 2012 Security Plan and Monthly Security Action Items Letter Report, the Estate and Paradigm determined that a separate alarm system code for entry to the Paradigm Building will replace the existing code. On August 30, 2012, "Pass Security" changed the alarm system code for entering the Paradigm Building.

## Vegetation Perimeter Up keeping

The Estate has begun the up keeping of the vegetation near the existing" Site Signs" in order to ensure the signs are visible.

The next monthly report is due by September 30, 2012. If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely, ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia PG

Project Coordinator/EH&S Manager

longe J. Davin

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# Estate of Chemetco, Inc.

3754 Chemetco Lane • Hartford, IL 62048 Office: (618) 254-4381 x372 •Fax: (618) 254-0138 igarcia@chemetcoestate.com

October 2, 2012

Michelle Kerr Attn: SR-6J Remedial Project Manager US EPA Region 5 Superfund Division 77 W. Jackson Blvd. SRF 6J Chicago, IL 60604

Re: Security Plan and Monthly Security Action Items Letter Report

Dear Mrs. Kerr:

On behalf of the Estate of Chemetco, Inc. (Estate), I am submitting the September Security Plan and Monthly Security Action Items letter report. The previous letter report was submitted on September 4, 2012.

During the month of September, the following security items were addressed:

# Vegetation Perimeter Up keeping

The Estate inspected the fenced perimeter of the site and removed vegetation around posted signs. As such, all the signs along the fence line are visible and cleared from any current vegetation.

There were no additional security items to report for the month of September.

The next monthly report is due by October 31, 2012. If you have any questions and/or comments, please feel free to contact me at (618) 254-4381 x372, or my cell phone at (314) 348-8211.

Sincerely, ESTATE OF CHEMETCO, INC.

Jorge Y. Garcia PG

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